

Panaji, 25th June, 2020 (Asadha 4, 1942)

SERIES I No. 13

OFFICIAL GAZETTE

GOVERNMENT OF GOA



PUBLISHED BY AUTHORITY

NOTE

There are two Extraordinary issues to the Official Gazette, Series I No. 12 dated 18-06-2020, namely:—

(1) Extraordinary dated 19-06-2020 from pages 335 to 336, Notification No. 5-7-2020-Fin(DMU) regarding Market Borrowing Programme from Department of Finance (Debt Management Division).

(2) Extraordinary (No. 2) dated 22-06-2020 from pages 337 to 338, Notifications regarding Goa GST from Department of Finance (Revenue & Control) Division.

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GOVERNMENT OF GOA

Department of Agriculture
Directorate of Agriculture

Notification

3/3/Hort/SSS/2/2020-21/D.Agr/140

Sub: Assured Price for Agricultural Produce.

Ref: Notification No. 3/3/Hort/SSS/2/2016-
-17/D.Agr/129 dated 26th July, 2016
published in the Official Gazette,
Series I No. 19 dated 11-08-2016.

AMENDMENT

The Notification referred above is amended
as below:

Clause 4 (ii) (a) is replaced and shall be
read as "Benefit of Assured Price shall be
provided to the coconut sold to registered
traders to the extent of difference between
assured rate of Rs. 12/- and the price received
per nut by the farmer".

Clause 4 (ii) (e) is replaced and shall be
read as "The average minimum price fixed
per coconut will not be less than Rs. 6/- per
nut and the maximum assured price to be

paid to an individual farmer shall not exceed Rs. 3.00 lakhs".

Clause 4 (iii) (a) is replaced as shall be read as "Benefit of Assured Price of Rs. 125/- shall be provided to raw cashewnut sold by farmers to the extent of difference between Rs. 125/- per kg. and the price received per kg. by the farmer. The price received shall be actual price received by sale or average rate for the week notified by the Goa State Agricultural Marketing Board (GSAMB) whichever is higher. In case the rates are not notified for the week by GSAMB, the last rates as notified would be considered as rate of sale in the market.

Clause 4 (iii) (c) is added after clause 4 (iii) (b) and shall be read as The maximum limit of difference amount between the assured price of Rs. 125/- and the actual sale price below the assured price shall be Rs. 25/- per kg.

Clause 4 (vi) is replaced and shall be read as "Benefit of Assured Price of Rs. 100/- per kg. of Alsando shall be provided to Alsando sold by the grower to the extent of difference between Rs. 100/- per kg. and actual price received per kg. by the farmer from sale to co-operative societies. A maximum of 800 kgs. from one ha. of area shall be provided with the benefit.

Minimum quantity to be sold by farmer to avail benefit shall not be less than 50 kgs.

Other contents of the notification remain the same. This amendment shall come into force with effect from the financial year 2020-21 onwards.

This issues with the approval of the Cabinet conveyed vide communication No. 1/16/2020-GAD-II dated 24-04-2020 from the General Administration Department, Secretariat, Porvorim-Goa and concurrence of the Finance (Expenditure) Department vide their U.O. No. 1400068943 dated 21-04-2020.

By order and in the name of the Governor of Goa.

Nevil Alphonso, Director & ex officio Joint Secretary (Agriculture).

Tonca-Caranzalem, 18th June, 2020.

Department of Fisheries

Directorate of Fisheries

Order

DF/GB/FISH BUYING AGENTS/
/2020-21/1212

Ref. Order No. DF/GB/FISH BUYING AGENTS
2020-21/1090 date 12-06-2020.

Administrative approval of Government is hereby accorded for

1. Registration of Fish Trader trading in fish in the State and Registration of all Fish Vendors who are involved in selling fish in the State.
2. The registration fees for Fish Traders in the State are as follows:

Registration Fees	Rs. 2 lakhs per year
Security Deposit	Rs. 20,000/-

3. Registration fees for all Fish Vendors are as follows:

Sr. No.	Category	Fees per year
1.	Fish seller in market and any other public places	Rs. 100/-
2.	Mobile fish seller with basket on head	Rs. 100/-
3.	Fish seller with bicycle	Rs. 200/-
4.	Fish seller with two wheeler	Rs. 500/-
5.	Fish seller with three wheeler	Rs. 1000/-
6.	Fish seller with four wheeler	Rs. 5000/-

This issued with the approval of the Government vide inward No. 2536/F dated 27-04-2020.

This order supersedes the earlier order No. DF/GB/FISH BUYING AGENTS/2020-21/1090 date 12-06-2020.

By order and in the name of the Governor of Goa.

Dr. Shamila Monteiro, Director & ex officio Joint Secretary (Fisheries).

Panaji, 17th June, 2020.

Department of Environment and Climate Change

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Notification

1/24/2010/STE-DIR/148

The following Notification published in the Gazette of India is hereby published for the general information of public:—

- (1) S.O. 633(E) dated 03-03-2014;
- (2) S.O. 634(E) dated 03-03-2014;
- (3) S.O. 630(E) dated 03-03-2014;
- (4) S.O. 631(E) dated 03-03-2014;
- (5) S.O. 632(E) dated 03-03-2014;
- (6) S.O. 635(E) dated 03-03-2014;
- (7) S.O. 615(E) dated 25-01-2015;
- (8) S.O. 616(E) dated 25-02-2015;
- (9) S.O. 221(E) dated 23-01-2015;
- (10) S.O. 608(E) dated 24-02-2015;
- (11) S.O. 555(E) dated 17-02-2015;
- (12) S.O. 607(E) dated 24-02-2015;

By order and in the name of the Governor of Goa.

Johnson B. Fernandes, Director/Joint Secretary (Environment & CC).

Porvorim, 2nd June, 2020.

MINISTRY OF ENVIRONMENT AND FORESTS**NOTIFICATION**

New Delhi, the 3rd March, 2014

S.O. 633(E).—The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette of India containing this notification are made available to the Public;

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi-110 003, or at e-mail address:- esz-mef@nic.in.

Draft Notification

WHEREAS, the Bondla Wildlife Sanctuary, Goa lying between latitudes 15° 26' 54.78" N and 15° 24' 42.50" N and longitudes 74° 7' 16.36" E and 74° 5' 26.60" E in the North Goa District of Goa State and extending over an area of 7.98 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

AND WHEREAS, the sanctuary inhabits the endangered species of wildlife like Indian bison, panther, mouse deer, spotted deer, sambhar deer, black panther, etc. and the flora of this area is represented by moist deciduous forest type;

AND WHEREAS, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimizing soil erosion and has a well knit network of streams spreading throughout, which are perennial or semi perennial or seasonal in nature, feeding Kushawati and Khandepar rivers;

AND WHEREAS, it is necessary to conserve and protect the area around the protected area of Bondla Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area of one kilometre all along the periphery of the boundary of the Bondla Wildlife Sanctuary in the State of Goa as the Eco-sensitive Zone, details of which are as under as under, namely:-

1. Extent and Boundaries of Eco-sensitive Zone.- (1) The extent of Eco-sensitive Zone is one kilometre uniformly all along the periphery of the boundary of the Bondla Wildlife Sanctuary within the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by areas of the villages Gangem, Conquirem and Melauli, on the South and West by the areas of the villages Dharbandora, Piliem and Usgaon, on the East by areas of the Villages Dharbandora and Melauli; the Ragada Nadi, a tributary of Madei River enters into the Eco-sensitive Zone on the East and passes along the Eco-sensitive Zone boundary from East towards North at few places.

(3) The map of Eco-sensitive Zone boundary together with its latitudes and longitudes is appended to this notification as **Annexure I**.

(4) The list of four villages namely, Usgao, Darbandora, Gotiakhadilwada and Melauli of Dharbandora Taluka situated outside the boundary of the Bondla Wildlife Sanctuary and falling within the Bondla Wildlife Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes at prominent points are appended to this notification as **Annexure II**.

(5) The list of villages as given in Annexure II shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

(6) The ridge habitat linking Bondla to Madei and Bhagwan Mahaveer Wildlife Sanctuary and National Park shall be protected for its corridor value under clause (g) of section 38-O of Wildlife Protection Act, 1972 (53 of 1972).

2. Zonal Master Plan for the Eco-sensitive Zone.- (1) For the purpose of effective management of the Eco-sensitive Zone, the State Government shall prepare, in consultation with local people, a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment and Forests, Government of India.

(2) The Zonal Master Plan shall be prepared with the involvement of all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(3) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(4) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, mining leases in operation, lakes and other water bodies.

(5) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(6) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), as referred to in para 4, for carrying out its functions of monitoring under the provisions of this notification.

(7) The Zonal Master Plan shall indicate measures and lay down stipulations for regulation of activities under column (4) of the Table specified in para 3.

(8) Change of land use of forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes into areas for commercial or industrial related development activities shall not be permitted in the Eco-sensitive Zone:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, only to meet the residential needs of the local residents arising due to the natural growth of existing local population including the activities listed at item numbers 11, 24 and 25, relating to rainwater harvesting, cottage industries including village artisans etc., and small scale industries not causing pollution respectively, specified in column (2) of the Table in para 3:

Provided further that no change in use of land from tribal usage to non-tribal usage shall be permitted without the prior approval of the State Government and without compliance of the provisions of the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007).

(9) The Central Government and the State Government may specify such other measures, as may be considered necessary, for giving effect to the provisions of this notification.

(10) **Natural Springs.**- The catchment areas of all springs shall be identified and plans for their conservation and rejuvenation of those that have run dry, in their natural setting shall be incorporated in the Zonal Master Plan and the strict guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(11) **Tourism.**- The activity relating to tourism within Eco-sensitive Zone shall be as under, namely:-

(i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in line with the central guidelines issued by the National Tiger Conservation Authority, Ministry of Environment and Forests and the Ministry of Tourism, Government of India with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(ii) no new construction of any kind shall be allowed within the Eco-sensitive Zone;

(iii) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC;

(iv) the tourism activities shall also form a component of the Zonal Master Plan.

(12) **Natural Heritage.**- The sites of valuable natural heritage in the Eco-sensitive Zone shall be identified and incorporated in the Zonal Master Plan; all the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. in the Eco-sensitive Zone shall be preserved; the State Government shall draw up proper plan for their protection and conservation within six months from the date of publication of this Notification and such plans shall form part of the Zonal Master Plan.

(13) **Man-made heritage sites.**- Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(14) **Noise pollution.**- The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).

(15) **Air Pollution.**- The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981.

(16) **Discharge of effluents.**- The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974).

(17) **Solid Wastes.**- (1) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Central Government vide notification number S.O. 908 (E), dated the 25th September 2000.

(2) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components.

(3) The biodegradable material shall be recycled preferably through composting or vermiculture.

(4) The inorganic material shall be disposed of in an environmentally acceptable manner.

(18) **Vehicular Traffic.**- The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment and Forests, the SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

3. Activities to be prohibited and regulated within the Eco-sensitive Zone.- All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 and be regulated in the manner specified in the Table below, namely:-

Table

S.No.	Activity	Prohibited	Regulated	Permitted	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Commercial Mining, stone quarrying and crushing units.	Yes	-	-	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Felling of trees.	-	Yes	-	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government; (b) the felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
3.	Setting up of saw mills.	Yes	-	-	Prohibited with immediate effect.
4.	Setting up of industries causing water or air or soil or noise pollution.	Yes	-	-	Prohibited with immediate effect.
5.	Commercial establishment of hotels and resorts.	Yes	-	-	No new commercial establishment such as hotels and resorts shall be permitted within the Eco-sensitive Zone with immediate effect.
6.	Commercial use of firewood.	Yes	-	-	Prohibited with immediate effect.
7.	Commercial water resources including ground water harvesting.	-	Yes	-	(a) The extraction of surface water and ground water shall be allowed only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land; (b) the extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned Regulatory Authority; (c) no sale of surface water or ground water shall be permitted; (d) steps shall be taken to prevent contamination or pollution of water from any source including agriculture.

8.	Establishment of new major hydroelectric projects.	Yes	-	-	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to consent of the concerned Gram Sabha and all other requisite clearances.
9.	Erection of electrical cables and telecommunication towers.	-	Yes	-	Promote underground cabling.
10.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	-	-	Yes	
11.	Rain water harvesting.	-	-	Yes	Shall be actively promoted.
12.	Fencing of existing premises of hotels and lodges.	-	Yes	-	
13.	Organic farming.	-	-	Yes	Shall be actively promoted.
14.	Widening and strengthening of existing roads and construction of new roads.	-	Yes	-	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
15.	Movement of vehicular traffic at night.	-	Yes	-	For commercial purpose.
16.	Introduction of exotic species.	-	Yes	-	
17.	Use or production of any hazardous substances.	Yes	-	-	Prohibited with immediate effect
18.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	-	Yes	-	
19.	Protection of hill	-	Yes	-	

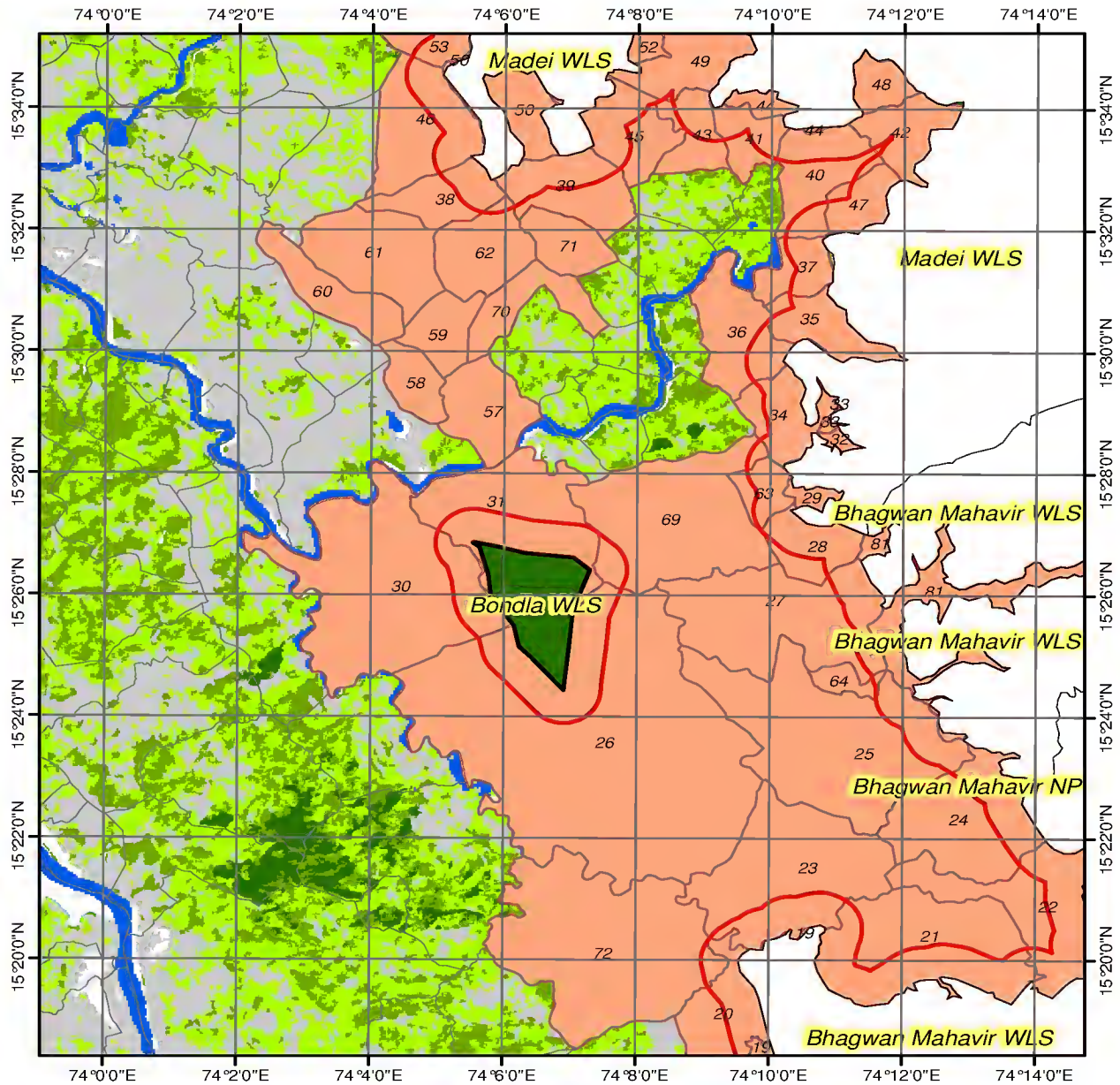
	slopes and river banks.				
20.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Yes	-	-	Prohibited with immediate effect
21.	Discharge of treated effluents in natural water bodies or land area.	-	Yes	-	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
22.	Commercial Sign boards and hoardings.	-	Yes	-	
23.	Adoption of green technology for all activities.	-	-	Yes	Shall be actively promoted.
24.	Cottage industries including village artisans, etc.	-	-	Yes	
25.	Small scale industries not causing pollution.	-	Yes	-	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
26.	New wood based industry.	Yes	-	-	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
27.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	-	Yes	-	
28.	Construction activities	Yes	-	-	No new construction of any kind shall be allowed within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 11 and 24. In the case of activities listed at item number 25, the construction activity shall be regulated and kept at the minimum.
29.	Use of plastic carry bags.	Yes	-	-	Prohibited with immediate effect.
30.	Brick kilns.	Yes	-	-	Prohibited with immediate effect.

- 4. State Level Eco-sensitive Zone Monitoring Committee.-** (1) The Central Government shall, for effective monitoring of the Eco-sensitive Zone, constitute a Committee to be called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa which shall comprise of:-
- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) representative of the Ministry of Environment and Forests, Regional Office, Bangalore- Member;
 - (iii) representative of the State Pollution Control Board-Member;
 - (iv) one representative of Non-governmental Organizations working in the field of environment to be nominated by the Government of Goa- Member;
 - (v) one representative of community based organization nominated by the State Government-Member;
 - (vi) five representatives of the Government of Goa from Departments of Rural Development, Agriculture, Urban Development and Housing, Mining and Ports and Transport-Members;
 - (vii) one expert in Ecology from reputed Institution or University of the State of Goa- Member;
 - (viii) concerned District Collector-Member;
 - (ix) concerned Wildlife Warden – Member; and
 - (x) Director, Department of Environment, Government of Goa – Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
- (3) The activities that are covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment and Forests for prior environmental clearances under the provisions of the said notification.
- (4) The activities that are not covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 but are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned Regulatory Authorities.
- (5) The Chairman or the Member Secretary of the SESZMC shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
- (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist it in its deliberations depending on the requirements on issue to issue basis.
- (7) The SESZMC shall submit the annual action taken report of its activities by 31st March of every year to the Central Government in the Ministry of Environment and Forests.
- (8) The Central Government in the Ministry of Environment and Forests may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.

5. The provisions of this Notification are subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court.

Annexure I

Map of Bondla Wildlife Sanctuary Eco-sensitive Zone showing



Latitudes-Longitudes.

LEGEND

	ESZ Boundary (1 km Radial Distance)		Forest Cover (FSI)
	Protected Areas		Moderately Dense
	Village boundaries		Open
	Eco-sensitive Villages		Very Dense
	Water bodies		Non-forest

Annexure II**List of villages falling within the Eco-sensitive Zone alongwith their longitudes and latitudes of prominent points**

List of Villages partially within the ESZ Boundary

Village ID	Village Name	Longitude	Latitude
26	DARBANDORA	74.12273	15.3929
30	Usgaon	74.06997	15.43558
31	Gotiakhadilwada	74.10235	15.45583
69	MELAVALI	74.14275	15.45413

List of Villages not within ESZ Boundary but having
Corridor value

Village ID	Village Name	Longitude	Latitude
57	Vante Gaonkarwada	74.09542	15.484
58	Panse	74.07736	15.49142
59	Wagure	74.08457	15.50575
60	Ovalaven	74.05667	15.51641
61	Pissurle	74.06768	15.52635
70	HASOLE	74.106	15.51227
71	Valpoy	74.11521	15.52975

[F. No. 25/36/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

New Delhi, the 3rd March, 2014

S.O. 634(E).—The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette of India containing this notification are made available to the Public;

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi-110 003, or at e-mail address:- esz-mef@nic.in.

Draft Notification

WHEREAS, the Dr. Salim Ali Bird Sanctuary, Goa lying between latitudes $15^{\circ}31'36.03''$ N and $15^{\circ}30'35.35''$ N and longitudes $73^{\circ}52'14.31''$ E and $73^{\circ}50'44.12''$ E in the North Goa District of Goa State and extending over an area of 1.78 square kilometres, is a rich mangrove formation at the confluence of Mapusa river and Mandovi river.

AND WHEREAS, the sanctuary exclusively shelters varieties of amphibians, otters, crocodiles, varieties of fish, aquatic birds, shore birds and arboreal birds and reptiles, fruit bat (*Pteropus* spp.) commonly occur in the area, migratory birds, adjutant storks and raptorial birds like osprey visit the protected area annually;

AND WHEREAS, the mangrove forest of this sanctuary holds and protects the rich soil underneath from washing away and provides exclusively excellent place for the said varieties of wildlife to breed and shelter;

AND WHEREAS it is necessary to conserve and protect the area around the protected area of Dr. Salim Ali Bird Sanctuary as Eco-sensitive Zone from ecological and environmental point of view;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area of one kilometre all along the periphery of the boundary of the Dr. Salim Ali Bird Sanctuary in the State of Goa as the Eco-sensitive Zone, details of which are as under, namely:—

1. **Extent and Boundaries of Eco-sensitive Zone.**- (1) The extent of Eco-sensitive Zone is one kilometre uniformly all along the periphery of the boundary of the Dr. Salim Ali Bird Sanctuary within the State of Goa.
(2) The Eco-sensitive Zone is bounded on the three sides i.e, North, West and South by the Mapusa river and the Mandovi river and the village Chorao of Tiswadi Taluka is located towards the Eastern side.
(3) The map of Eco-sensitive Zone boundary together with its latitudes and longitudes is appended to this notification as **Annexure I**.
(4) The Chorao village of Tiswadi Taluka situated outside the boundary of the Dr. Salim Ali Bird Sanctuary and falling within the Dr. Salim Ali Bird Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes at prominent points are appended to this notification as **Annexure II**.

(5) The list of village(s) given in Annexure II shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone.- (1) For the purpose of effective management of the Eco-sensitive Zone, the State Government shall prepare, in consultation with local people, a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment and Forests, Government of India.

(2) The Zonal Master Plan shall be prepared with the involvement of all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(3) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(4) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, mining leases in operation, lakes and other water bodies.

(5) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(6) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), as referred to in para 4, for carrying out its functions of monitoring under the provisions of this notification.

(7) The Zonal Master Plan shall indicate measures and lay down stipulations for regulations of activities under column (4) of the Table specified in para 3.

(8) Change of land use of forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes into areas for commercial or industrial related development activities shall not be permitted in the Eco-sensitive Zone:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, only to meet the residential needs of the local residents arising due to the natural growth of existing local population including the activities listed at item numbers 11, 24 and 25, relating to rainwater harvesting, cottage industries including village artisans etc. and small scale industries not causing pollution, respectively, as specified in column (2) of the Table in para 3:

Provided further that no change in use of land from tribal usage to non-tribal usage shall be permitted without the prior approval of the State Government and without compliance of the provisions of the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007).

(9) The Central Government and the State Government may specify such other measures, as may be considered necessary, for giving effect to the provisions of this notification.

(10) **Natural Springs.-** The catchment areas of all springs shall be identified and plans for their conservation and rejuvenation of those that have run dry, in their natural setting shall be incorporated in the Zonal Master Plan and the strict guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(11) **Tourism.-** The activity relating to tourism within Eco-sensitive Zone shall be as under, namely:-

(i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in line with the central guidelines issued by the National Tiger Conservation Authority, Ministry of Environment and Forests and the Ministry of Tourism, Government of India with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(ii) no new construction of any kind shall be allowed within the Eco-sensitive Zone;

(iii) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC;

(iv) the tourism activities shall also form a component of the Zonal Master Plan.

(12) **Natural Heritage.-** The sites of valuable natural heritage in the Eco-sensitive Zone shall be identified and incorporated in the Zonal Master Plan; all the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. in the Eco-sensitive Zone shall be preserved; the State Government shall draw up proper plan for their protection and conservation within six months from the date of publication of this Notification and such plans shall form part of the Zonal Master Plan.

(13) **Man-made heritage sites.-** Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(14) **Noise pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981(14 of 1981).

(15) **Air Pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981.

(16) **Discharge of effluents.-** The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974).

(17) **Solid Wastes.-** (1) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Central Government vide notification number S.O. 908 (E), dated the 25th September 2000.

(2) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components.

(3) The biodegradable material shall be recycled preferably through composting or vermiculture.

(4) The inorganic material shall be disposed of in an environmentally acceptable manner.

(18) **Vehicular Traffic.-** The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment and Forests, the SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

3. Activities to be prohibited and regulated within the Eco-sensitive Zone.- All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 and be regulated in the manner specified in the Table below, namely:-

TABLE

S.No. (1)	Activity (2)	Prohibited (3)	Regulated (4)	Permitted (5)	Remarks (6)
1.	Commercial Mining, stone quarrying and crushing units.	Yes	-	-	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Felling of trees.	-	Yes	-	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government; (b) the felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
3.	Setting up of saw mills.	Yes	-	-	Prohibited with immediate effect.
4.	Setting up of	Yes	-	-	Prohibited with immediate effect.

	industries causing water or air or soil or noise pollution.				
5.	Commercial establishment of hotels and resorts.	Yes	-	-	No new commercial establishment such as hotels and resorts shall be permitted within the Eco-sensitive Zone with immediate effect.
6.	Commercial use of firewood.	Yes	-	-	Prohibited with immediate effect.
7.	Commercial water resources including ground water harvesting.	-	Yes	-	(a) The extraction of surface water and ground water shall be allowed only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land; (b) the extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned Regulatory Authority; (c) no sale of surface water or ground water shall be permitted; (d) steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
8.	Establishment of new major hydroelectric projects.	Yes	-	-	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to consent of the concerned Gram Sabha and all other requisite clearances.
9.	Erection of electrical cables and telecommunication towers.	-	Yes	-	Promote underground cabling.
10.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	-	-	Yes	
11.	Rain water	-	-	Yes	Shall be actively promoted.

	harvesting.				
12.	Fencing of existing premises of hotels and lodges.	-	Yes	-	
13.	Organic farming.	-	-	Yes	Shall be actively promoted.
14.	Widening and strengthening of existing roads and construction of new roads.	-	Yes	-	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
15.	Movement of vehicular traffic at night.	-	Yes	-	For commercial purpose.
16.	Introduction of exotic species.	-	Yes	-	
17.	Use or production of any hazardous substances.	Yes	-	-	Prohibited with immediate effect
18.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	-	Yes	-	
19.	Protection of hill slopes and river banks.	-	Yes	-	
20.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Yes	-	-	Prohibited with immediate effect
21.	Discharge of treated effluents in natural water bodies or land area.	-	Yes	-	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
22.	Commercial Sign boards and hoardings.	-	Yes	-	
23.	Adoption of green technology for all activities.	-	-	Yes	Shall be actively promoted.
24.	Cottage industries including village artisans, etc.	-	-	Yes	
25.	Small scale industries not causing pollution.	-	Yes	-	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture,

					horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
26.	New wood based industry.	Yes	-	-	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
27.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	-	Yes	-	
28.	Construction activities	Yes	-	-	No new construction of any kind shall be allowed within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 11 and 24. In the case of activities listed at item number 25, the construction activity shall be regulated and kept at the minimum.
29.	Use of plastic carry bags.	Yes	-	-	Prohibited with immediate effect.
30.	Brick kilns.	Yes	-	-	Prohibited with immediate effect.
31.	Transportation by waterways.	-	Yes	-	
32.	Traditional fishing.	-	-	Yes	Permitted with restrictions and laws prevailing in the State.
33.	Fishing by trawlers in untraditional manner as a large scale commercial activity.	Yes	-	-	Prohibited with immediate effect.

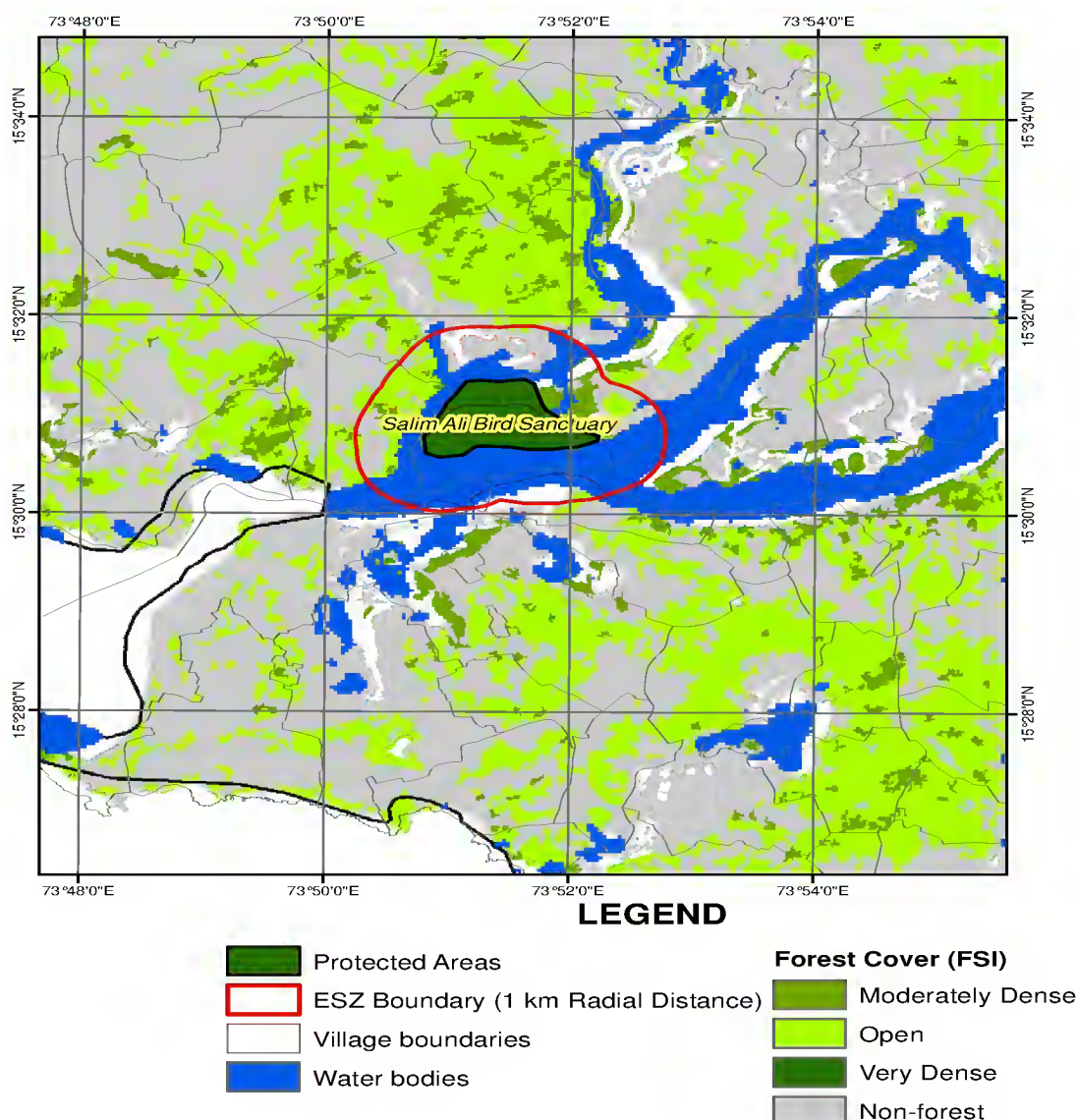
4. State Level Eco-sensitive Zone Monitoring Committee.- (1) The Central Government shall, for effective monitoring of the Eco-sensitive Zone, constitute a Committee to be called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa which shall comprise of:-

- (i) Chief Secretary, Government of Goa- Chairman;
- (ii) Representative of the Ministry of Environment and Forests, Regional Office, Bangalore— Member;
- (iii) Representative of the State Pollution Control Board-Member;
- (iv) One representative of Non-governmental Organizations working in the field of environment to be nominated by the Government of Goa— Member;
- (v) One representative of community based organization nominated by the State Government-Member;
- (vi) Five representatives of the Government of Goa from Departments of Rural Development, Agriculture, Urban Development and Housing, Mining and Ports and Transport-Members;
- (vii) One expert in Ecology from reputed Institution or University of the State of Goa- Member;
- (viii) Concerned District Collector-Member;
- (ix) Concerned Wildlife Warden – Member; and
- (x) Director, Department of Environment, Government of Goa – Member Secretary.

(2) The SESZMC shall monitor the compliance of the provisions of this notification.

(3) The activities that are covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column (3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment and Forests for prior environmental clearances under the provisions of the said notification.

- (4) The activities that are not covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 but are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned Regulatory Authorities.
 - (5) The Chairman or the Member Secretary of the SESZMC shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist it in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SESZMC shall submit the annual action taken report of its activities by 31st March of every year to the Central Government in the Ministry of Environment and Forests.
 - (8) The Central Government in the Ministry of Environment and Forests may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
5. The provisions of this Notification are subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court.

Annexure I**Map of Dr. Salim Ali Bird Sanctuary Eco-sensitive Zone showing latitudes-longitudes**

Village falling within the Dr. Salim Ali Wildlife Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes of prominent points

PROMINENT POINTS IN THE VILLAGES OF ESZ OF DR. SALIM ALI WLS				
S.No.	Village Name	Description	Latitude	Longitude
1.	Chorao	Chorao Ferry	15°30'21.06"N	74°51'51.22"E

[F. No. 25/37/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

New Delhi, the 3rd March, 2014

S.O.630(E).— The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette of India containing this notification are made available to the Public;

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi-110 003, or at e-mail address:- esz-mef@nic.in.

Draft Notification

WHEREAS, the Cotigao Wildlife Sanctuary, Goa lying between latitudes 15° 2' 43.25'' N and 14° 55' 33.54'' N and longitudes 74° 15' 55.07'' E and 74° 7' 22.20'' E in the South Goa District of Goa State and extending over an area of 85.65 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

And whereas, the sanctuary inhabits the endangered species of wildlife like Indian bison, tiger, panther, mouse deer, black panther, slender loris, bear, wild dog, etc;

And whereas, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout which are perennial or semi perennial or seasonal in nature, feeding Cotigao river, its tributaries and the various other water bodies including wells situated in the low lying areas;

And whereas, it is necessary to conserve and protect the area around the Cotigao Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view;

Now, therefore, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area of three kilometres all along the periphery of the boundary of the Cotigao Wild Life Sanctuary in the State of Goa as the Eco-sensitive Zone, details of which are as under, namely:—

1. Extent and Boundaries of Eco-sensitive Zone.- (1) The extent of Eco-sensitive Zone is three kilometres uniformly all along the periphery of the boundary of the Cotigao Wildlife Sanctuary within the State of Goa. (2) The Eco-sensitive Zone is bounded on the North by Netravali Wild Life Sanctuary, on the South by Karnataka State, on the East by the Cotigao Wild Life Sanctuary and on the West by remaining part of Cotigao, Poinguinim and Gaodongrem villages.

(3) The map of Eco-sensitive Zone boundary together with its latitudes and longitudes is appended to this notification as **Annexure I**.

(4) The list of the three villages namely Poingoinim, Gaodongrem, and Cotigao situated outside the boundary of the Cotigao Wildlife Sanctuary and partially falling within the Cotigao Wildlife Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes at prominent points are appended to this notification as **Annexure II**.

(5) The list of villages as given in Annexure II shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone.- (1) For the purpose of effective management of the Eco-sensitive Zone, the State Government shall prepare, in consultation with local people, a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment and Forests, Government of India.

(2) The Zonal Master Plan shall be prepared with the involvement of all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(3) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(4) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, mining leases in operation, lakes and other water bodies.

(5) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(6) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), as referred to in para 4, for carrying out its functions of monitoring under the provisions of this notification.

(7) The Zonal Master Plan shall indicate measures and lay down stipulations for regulation of activities under column (4) of the Table specified in para 3.

(8) Change of land use of forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes into areas of commercial or industrial related development activities shall not be permitted in the Eco-sensitive Zone:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, only to meet the residential needs of the local residents arising due to the natural growth of existing local population including the activities listed at item numbers 11, 24 and 25, relating to rainwater harvesting, cottage industries including village artisans etc. and small scale industries not causing pollution, respectively, as specified in column (2) of the Table in para 3:

Provided further that no change in use of land from tribal usage to non-tribal usage shall be permitted without the prior approval of the State Government and without compliance of the provisions of the law for the time being in force including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007).

(9) The Central Government and the State Government may specify such other measures, as may be considered necessary, for giving effect to the provisions of this notification.

(10) Natural Springs.- The catchment areas of all springs shall be identified and plans for their conservation and rejuvenation of those that have run dry, in their natural setting shall be incorporated in the Zonal Master Plan and the strict guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(11) **Tourism.-** The activity relating to tourism within Eco-sensitive Zone shall be as under, namely:-

- (i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in line with the central guidelines issued by the National Tiger Conservation Authority, Ministry of Environment and Forests and the Ministry of Tourism, Government of India with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;
- (ii) no new construction of any kind shall be allowed within the Eco-sensitive Zone;
- (iii) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC;
- (iv) the tourism activities shall also form a component of the Zonal Master Plan.

(12) **Natural Heritage.-** The sites of valuable natural heritage in the Eco-sensitive Zone shall be identified and incorporated in the Zonal Master Plan; all the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. in the Eco-sensitive Zone shall be preserved; the State Government shall draw up proper plan for their protection and conservation within six months from the date of publication of this Notification and such plans shall form part of the Zonal Master Plan.

(13) **Man-made heritage sites.-** Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(14) **Noise pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981(14 of 1981).

(15) **Air Pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981.

(16) **Discharge of effluents.-** The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974).

(17) **Solid Wastes.-** (1) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Central Government vide notification number S.O. 908 (E), dated the 25th September 2000.

(2) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components.

(3) The biodegradable material shall be recycled preferably through composting or vermiculture.

(4) The inorganic material shall be disposed of in an environmentally acceptable manner.

(18) **Vehicular Traffic.-** The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment and Forests, the SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

3. Activities to be prohibited and regulated within the Eco-sensitive Zone.- All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 and be regulated in the manner specified in the Table below, namely: —

TABLE

S.No.	Activity	Prohibited	Regulated	Permitted	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Commercial Mining, stone quarrying and crushing units.	Yes	-	-	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Felling of trees.	-	Yes	-	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government; (b) the felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
3.	Setting up of saw mills.	Yes	-	-	Prohibited with immediate effect.
4.	Setting up of industries causing water or air or soil or noise pollution.	Yes	-	-	Prohibited with immediate effect.
5.	Commercial establishment of hotels and resorts.	Yes	-	-	No new commercial establishment such as hotels and resorts shall be permitted within the Eco-sensitive Zone with immediate effect.
6.	Commercial use of firewood.	Yes	-	-	Prohibited with immediate effect.
7.	Commercial water resources including ground water harvesting.	-	Yes	-	(a) The extraction of surface water and ground water shall be allowed only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land; (b) the extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned Regulatory Authority; (c) no sale of surface water or ground water shall be permitted; (d) steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
8.	Establishment of new major hydroelectric projects.	Yes	-	-	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to consent of the concerned Gram Sabha and all other requisite clearances.

9.	Erection of electrical cables and tele-communication towers.	-	Yes	-	Promote underground cabling.
10.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	-	-	Yes	
11.	Rain water harvesting.	-	-	Yes	Shall be actively promoted.
12.	Fencing of existing premises of hotels and lodges.	-	Yes	-	
13.	Organic farming.	-	-	Yes	Shall be actively promoted.
14.	Widening and strengthening of existing roads and construction of new roads.	-	Yes	-	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
15.	Movement of vehicular traffic at night.	-	Yes	-	For commercial purpose.
16.	Introduction of exotic species.	-	Yes	-	
17.	Use or production of any hazardous substances.	Yes	-	-	Prohibited with immediate effect
18.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	-	Yes	-	
19.	Protection of hill slopes and river banks.	-	Yes	-	
20.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Yes	-	-	Prohibited with immediate effect
21.	Discharge of treated effluents in natural water bodies or land area.	-	Yes	-	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
22.	Commercial Sign boards and hoardings.	-	Yes	-	
23.	Adoption of green technology for all activities.	-	-	Yes	Shall be actively promoted.
24.	Cottage industries including village artisans, etc.	-	-	Yes	
25.	Small scale industries not causing pollution.	-	Yes	-	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
26.	New wood based industry.	Yes	-	-	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.

27.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	-	Yes	-	
28.	Construction activities	Yes	-	-	No new construction of any kind shall be allowed within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 11 and 24. In the case of activities listed at item number 25, the construction activity shall be regulated and kept at the minimum.
29.	Use of plastic carry bags.	Yes	-	-	Prohibited with immediate effect.
30.	Brick kilns.	Yes	-	-	Prohibited with immediate effect.

4. State Level Eco-sensitive Zone Monitoring Committee.- (1) The Central Government shall, for effective monitoring of the Eco-sensitive Zone, constitute a Committee to be called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa which shall comprise of:-

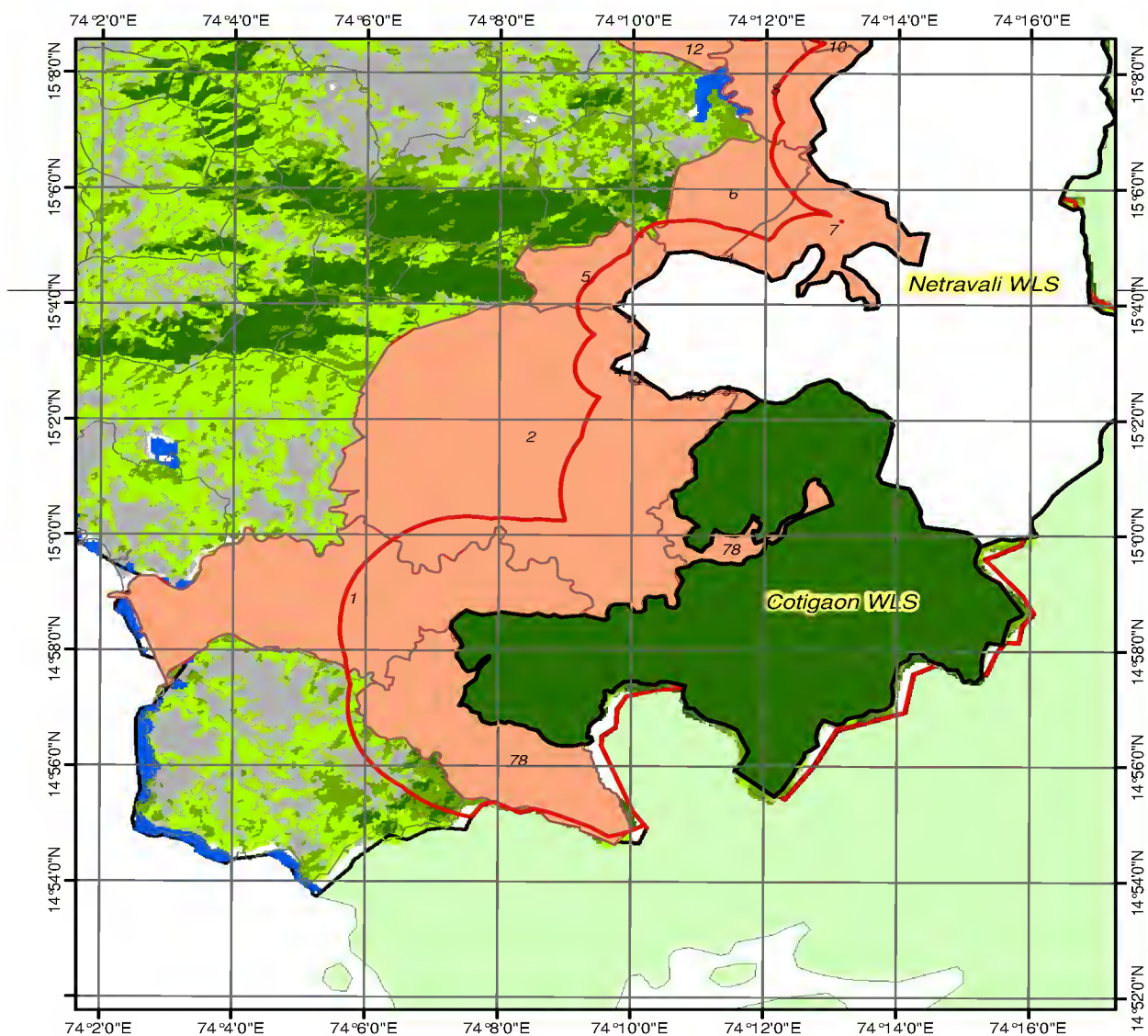
- (i) Chief Secretary, Government of Goa- Chairman;
- (ii) Representative of the Ministry of Environment and Forests, Regional Office, Bangalore- Member;
- (iii) Representative of the State Pollution Control Board- Member;
- (iv) One representative of Non-governmental Organizations working in the field of environment to be nominated by the Government of Goa- Member;
- (v) One representative of community based organization nominated by the State Government- Member;
- (vi) Five representatives of the Government of Goa from Departments of Rural Development, Agriculture, Urban Development and Housing, Mining and Ports and Transport- Members;
- (vii) One expert in Ecology from reputed Institution or University of the State of Goa- Member;
- (viii) Concerned District Collector- Member;
- (ix) Concerned Wildlife Warden- Member; and
- (x) Director, Department of Environment, Government of Goa- Member Secretary.

- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
- (3) The activities that are covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment and Forests for prior environmental clearances under the provisions of the said notification.
- (4) The activities that are not covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 but are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned Regulatory Authorities.
- (5) The Chairman or the Member Secretary of the SESZMC shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
- (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist it in its deliberations depending on the requirements on issue to issue basis.
- (7) The SESZMC shall submit the annual action taken report of its activities by 31st March of every year to the Central Government in the Ministry of Environment and Forests.

- (8) The Central Government in the Ministry of Environment and Forests may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
5. The provisions of this Notification are subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court.

Annexure I

Map of Cotigaon Eco-sensitive Zone boundary



LEGEND

- ESZ Boundary (3 km Radial)
- Protected Areas
- Village boundaries
- Eco-sensitive Villages
- Water bodies

Forest Cover (FSI)

- Moderately Dense
- Open
- Very Dense
- Non-forest

Annexure II

List of the villages falling within the Cotigao Wildlife Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes of prominent points

List of Villages partially within the ESZ Boundary

Village ID	Village Name	Longitude	Latitude
1	Poingunin	74.09336	14.98153
2	Gaundongren	74.14025	15.02487
78	Contigao	74.14111	14.95118

[F. No. 25/32/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

MINISTRY OF ENVIRONMENT AND FORESTS**NOTIFICATION**

New Delhi, the 3rd March, 2014

S.O.631(E).— The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette of India containing this notification are made available to the Public;

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi-110 003, or at e-mail address:- esz-mef@nic.in.

Draft Notification

WHEREAS, the Netravali Wildlife Sanctuary, Goa lying between latitudes 15° 16' 7.80" N and 14° 59' 54.49" N and longitudes 74° 19' 3.75" E and 74° 10' 6.66" E in the South Goa District of Goa State and extending over an area of 211.05 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

AND WHEREAS, the sanctuary inhabits the endangered species of wildlife like Indian bison, tiger, panther, mouse deer, black panther, slender loris, wild dogs, bears, etc.;

AND WHEREAS, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout which are perennial or semi perennial or seasonal in nature, feeding Netravali river, salaulim reservoir and its canals;

AND WHEREAS, it is necessary to conserve and protect the area around the protected area of Netravali Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area of one kilometre all along the periphery of the boundary of the Netravali Wild Life Sanctuary, in the State of Goa as the Eco-sensitive Zone, the details of which are as under, namely:-

1. **Extent and Boundaries of Eco-sensitive Zone.-** (1) The extent of Eco-sensitive Zone is one kilometre uniformly all along the periphery of the boundary of the Netravali Wildlife Sanctuary within the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by the boundary of the Bhagwan Mahaveer Wildlife Sanctuary, on the South by the boundary of Cotigao Wildlife Sanctuary, on the East by the boundary of Netravali Wild Life Sanctuary and on the West by Salaulim reservoir and the balance areas of villages of Sanguem Taluka.

(3) The map of Eco-sensitive Zone boundary together with its latitudes and longitudes is appended to this notification as **Annexure I**.

(4) The list of five villages namely Nune, Dongar, Vilyan, Bati, Kumbhari, situated outside the boundary of the Netravali Wildlife Sanctuary and completely falling within the Netravali Wildlife Sanctuary Eco-sensitive Zone boundary and the list of thirteen villages falling partially within the Eco-sensitive Zone boundary of the Netravali Wildlife Sanctuary alongwith their longitudes and latitudes at prominent points are appended to this notification as **Annexure II**.

(5) The list of villages as given in Annexure II shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. **Zonal Master Plan for the Eco-sensitive Zone.-** (1) For the purpose of effective management of the Eco-sensitive Zone, the State Government shall prepare, in consultation with local people, a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment and Forests, Government of India.

(2) The Zonal Master Plan shall be prepared with the involvement of all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(3) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(4) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, mining leases in operation, lakes and other water bodies.

(5) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(6) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), as referred to in para 4, for carrying out its functions of monitoring under the provisions of this notification.

(7) The Zonal Master Plan shall indicate measures and lay down stipulations for regulation of activities under column (4) of the Table specified in para 3.

(8) Change of land use of forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes into areas for commercial or industrial related development activities shall not be permitted in the Eco-sensitive Zone:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, only to meet the residential needs of the local residents arising due to the natural growth of existing local population including the activities listed at item numbers 11, 24 and 25, relating to rainwater harvesting, cottage industries including village artisans etc. and small scale industries not causing pollution respectively, as specified in column (2) of the Table in para 3:

Provided further that no change in use of land from tribal usage to non-tribal usage shall be permitted without the prior approval of the State Government and without compliance of the provisions of the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007).

(9) The Central Government and the State Government may specify such other measures, as may be considered necessary, for giving effect to the provisions of this notification.

(10) **Natural Springs.**- The catchment areas of all springs shall be identified and plans for their conservation and rejuvenation of those that have run dry, in their natural setting shall be incorporated in the Zonal Master Plan and the strict guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(11) **Tourism.**- The activity relating to tourism within Eco-sensitive Zone shall be as under, namely:-

(i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in line with the central guidelines issued by the National Tiger Conservation Authority, Ministry of Environment and Forests and the Ministry of Tourism, Government of India with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(ii) no new construction of any kind shall be allowed within the Eco-sensitive Zone;

(iii) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC;

(iv) the tourism activities shall also form a component of the Zonal Master Plan.

(12) **Natural Heritage.**- The sites of valuable natural heritage in the Eco-sensitive Zone shall be identified and incorporated in the Zonal Master Plan; all the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. in the Eco-sensitive Zone shall be preserved; the State Government shall draw up proper plan for their protection and conservation within six months from the date of publication of this Notification and such plans shall form part of the Zonal Master Plan.

(13) **Man-made heritage sites.**- Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(14) **Noise pollution.**- The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).

(15) **Air Pollution.**- The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981.

(16) **Discharge of effluents.-** The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974).

(17) **Solid Wastes.-** (1) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Central Government vide notification number S.O. 908 (E), dated the 25th September 2000.

(2) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components.

(3) The biodegradable material shall be recycled preferably through composting or vermiculture.

(4) The inorganic material shall be disposed of in an environmentally acceptable manner.

(18) **Vehicular Traffic.-** The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment and Forests, the SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

3. Activities to be prohibited and regulated within the Eco-sensitive Zone.- All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 and be regulated in the manner specified in the Table below, namely:-

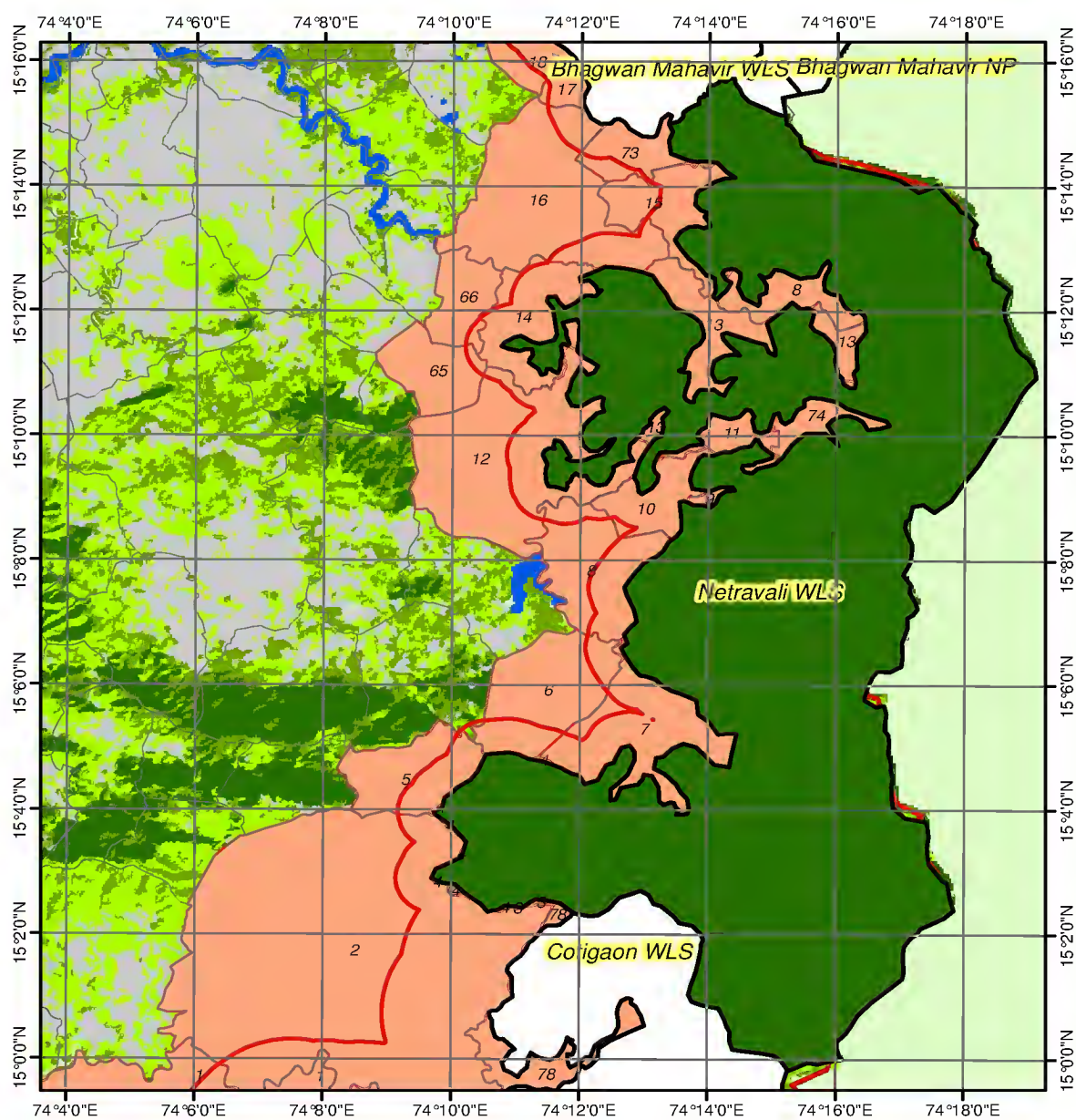
Table










S.No.	Activity	Prohibited	Regulated	Permitted	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Commercial Mining, stone quarrying and crushing units.	Yes	-	-	(a) All new mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Felling of trees.	-	Yes	-	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government; (b) the felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
3.	Setting up of saw mills.	Yes	-	-	Prohibited with immediate effect.
4.	Setting up of industries causing water or air or soil or noise pollution.	Yes	-	-	Prohibited with immediate effect.
5.	Commercial establishment of hotels and resorts.	Yes	-	-	No new commercial establishment such as hotels and resorts shall be permitted within the Eco-sensitive Zone with immediate effect.
6.	Commercial use of firewood.	Yes	-	-	Prohibited with immediate effect.
7.	Commercial water resources including	-	Yes	-	(a) The extraction of surface water and ground water shall be allowed only for

	ground water harvesting.				<i>bona fide</i> agricultural use and domestic consumption of the occupier of the land; (b) the extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned Regulatory Authority; (c) no sale of surface water or ground water shall be permitted; (d) steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
8.	Establishment of new major hydroelectric projects.	Yes	-	-	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to consent of the concerned Gram Sabha and all other requisite clearances.
9.	Erection of electrical cables and telecommunication towers.	-	Yes	-	Promote underground cabling.
10.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	-	-	Yes	
11.	Rain water harvesting.	-	-	Yes	Shall be actively promoted.
12.	Fencing of existing premises of hotels and lodges.	-	Yes	-	
13.	Organic farming.	-	-	Yes	Shall be actively promoted.
14.	Widening and strengthening of existing roads and construction of new roads.	-	Yes	-	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
15.	Movement of vehicular traffic at night.	-	Yes	-	For commercial purpose.
16.	Introduction of exotic	-	Yes	-	

	species.				
17.	Use or production of any hazardous substances.	Yes	-	-	Prohibited with immediate effect.
18.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	-	Yes	-	
19.	Protection of hill slopes and river banks.	-	Yes	-	
20.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Yes	-	-	Prohibited with immediate effect.
21.	Discharge of treated effluents in natural water bodies or land area.	-	Yes	-	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
22.	Commercial Sign boards and hoardings.	-	Yes	-	
23.	Adoption of green technology for all activities.	-	-	Yes	Shall be actively promoted.
24.	Cottage industries including village artisans, etc.	-	-	Yes	
25.	Small scale industries not causing pollution.	-	Yes	-	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
26.	New wood based industry.	Yes	-	-	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
27.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	-	Yes	-	
28.	Construction activities	Yes	-	-	No new construction of any kind shall be allowed within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 11 and 24. In the case of activities listed at item number 25, the construction activity shall be regulated and kept at the minimum.
29.	Use of plastic carry bags	Yes	-	-	Prohibited with immediate effect.
30.	Brick kilns	Yes	-	-	Prohibited with immediate effect.

- 4. State Level Eco-sensitive Zone Monitoring Committee.-** (1) The Central Government shall, for effective monitoring of the Eco-sensitive Zone, constitute a Committee to be called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa which shall comprise of:-
- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) representative of the Ministry of Environment and Forests, Regional Office, Bangalore –Member;
 - (iii) representative of the State Pollution Control Board-Member;
 - (iv) one representative of Non-governmental Organizations working in the field of environment to be nominated by the Government of Goa – Member;
 - (v) one representative of community based organization nominated by the State Government– Member;
 - (vi) five representatives of the Government of Goa from Departments of Rural Development, Agriculture, Urban Development and Housing, Mining and Ports and Transport– Members;
 - (vii) one expert in Ecology from reputed Institution or University of the State of Goa- Member;
 - (viii) concerned District Collector-Member;
 - (ix) concerned Wildlife Warden– Member; and
 - (x) Director, Department of Environment, Government of Goa– Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
- (3) The activities that are covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment and Forests for prior environmental clearances under the provisions of the said notification.
- (4) The activities that are not covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 but are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned Regulatory Authorities.
- (5) The Chairman or the Member Secretary of the SESZMC shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
- (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist it in its deliberations depending on the requirements on issue to issue basis.
- (7) The SESZMC shall submit the annual action taken report of its activities by 31st March of every year to the Central Government in the Ministry of Environment and Forests.
- (8) The Central Government in the Ministry of Environment and Forests may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
5. The provisions of this Notification are subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court.

Annexure I**Map of Netravali Wildlife Sanctuary Eco-sensitive Zone showing Latitudes-Longitudes.****LEGEND**

	Protected Areas		Moderately Dense
	ESZ Boundary (1 km Radial Distance)		Open
	Village boundaries		Very Dense
	Eco-sensitive Villages		Non-forest
	Water bodies		

Annexure-II**List of the villages falling within the Eco-sensitive Zone alongwith their longitudes and latitudes of prominent points****List of Villages completely within the ESZ Boundary**

Village ID	Village Name	Longitude	Latitude
3	Nune	74.18979	15.04173
9	Dongar	74.23344	15.15034
11	Vilyan	74.24121	15.16634
13	Bati	74.23885	15.19268
74	Kumbari	74.26151	15.1706

List of Villages partially within the ESZ Boundary

Village ID	Village Name	Longitude	Latitude
2	Gaundongren	74.14025	15.02487
5	Bambubouthan	74.15644	15.07647
6	Digali	74.19111	15.09817
7	Netravli	74.21531	15.087
8	Portem	74.21696	15.15098
10	Naiquinim	74.21901	15.14984
12	Kurdi	74.18097	15.16037
14	Salavli	74.18737	15.19831
15	Todov	74.22185	15.22779
16	Ugem	74.19099	15.22965
65	Udana	74.1616	15.18388
66	Shelpe	74.16915	15.203
73	PATIEM	74.21284	15.24238

[F. No. 25/33/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

New Delhi, the 3rd March, 2014

S.O. 632(E).— The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette of India containing this notification are made available to the Public;

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi-110 003, or at e-mail address:- esz-mef@nic.in.

Draft Notification

Whereas, the Madei Wildlife Sanctuary, Sattari, Goa lying between latitudes $15^{\circ} 40' 56.58''$ N and $15^{\circ} 27' 12.64''$ N and longitudes $74^{\circ} 16' 55.70''$ E and $74^{\circ} 5' 2.58''$ E in the North Goa District of Goa State and extending over an area of 208.48 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

And Whereas, the Wrongton's free tailed bat is the species of vital importance in Madei Wildlife Sanctuary, besides some of the most endangered species like Indian gaur, tiger, panther, mouse deer, wild dogs, etc. are also found in this sanctuary;

And Whereas, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout, which are perennial or semi perennial or seasonal in nature, feeding Madei river, Anjunem reservoir and its canals;

And Whereas, it is necessary to conserve and protect the area around the Madei Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view;

Now, Therefore, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area of one kilometre all along the periphery of the boundary of the Madei Wildlife Sanctuary in the State of Goa as the Eco-sensitive Zone, details of which are as under, namely:-

1. **Extent and Boundaries of Eco-sensitive Zone.**- (1) The extent of Eco-sensitive Zone is one kilometre uniformly all along the periphery of the boundary of the Madei Wildlife Sanctuary within the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by Maharashtra State boundary, on the South by the boundary of Bhagwan Mahaveer Wildlife Sanctuary, on the East by the villages of Karnataka State and on the West by the Anjunem reservoir and its canals and areas of the villages of Sattari Taluka; the Mahadei river, a tributary of Madei River is joins the Eco-sensitive Zone on the East and passes along the Eco-sensitive Zone boundary from the East towards West at few places and the Anjunem reservoir is within the Eco-sensitive Zone towards West.

(3) The map of Eco-sensitive Zone boundary together with its latitudes and longitudes is appended to this notification as **Annexure I**.

(4) The list of thirty five villages situated outside the boundary of the Madei Wildlife Sanctuary and falling within the Madei Wildlife Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes at prominent points are appended to this notification as **Annexure II**.

(5) The list of villages given in Annexure II shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

(6) The ridge habitat linking Bondla to Madei and Bhagwan Mahaveer Wildlife Sanctuary and National Park shall be protected for its corridor value under clause (g) of section 38-O of the Wildlife (Protection) Act, 1972 (53 of 1972).

2. **Zonal Master Plan for the Eco-sensitive Zone.**- (1) For the purpose of effective management of the Eco-sensitive Zone, the State Government shall prepare, in consultation with local people, a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment and Forests, Government of India.

(2) The Zonal Master Plan shall be prepared with the involvement of all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development,

Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(3) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(4) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, mining leases in operation, lakes and other water bodies.

(5) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(6) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), as referred to in para 4, for carrying out its functions of monitoring under the provisions of this notification.

(7) The Zonal Master Plan shall indicate measures and lay down stipulations for regulation of activities under column (4) of the Table specified in para 3.

(8) Change of land use of forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes into areas for commercial or industrial related development activities shall not be permitted in the Eco-sensitive Zone:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, only to meet the residential needs of the local residents arising due to the natural growth of existing local population including the activities listed at item numbers 11, 24 and 25, relating to rainwater harvesting, cottage industries including village artisans etc. and small scale industries not causing pollution, respectively, as specified in column (2) of the Table in para 3:

Provided further that no change in use of land from tribal usage to non-tribal usage shall be permitted without the prior approval of the State Government and without compliance of the provisions of the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007).

(9) The Central Government and the State Government may specify such other measures, as may be considered necessary, for giving effect to the provisions of this notification.

(10) **Natural Springs.-** The catchment areas of all springs shall be identified and plans for their conservation and rejuvenation of those that have run dry, in their natural setting shall be incorporated in the Zonal Master Plan and the strict guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(11) **Tourism.-** The activity relating to tourism within Eco-sensitive Zone shall be as under, namely:-

(i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in line with the central guidelines issued by the National Tiger Conservation Authority, Ministry of Environment and Forests and the Ministry of Tourism, Government of India with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(ii) no new construction of any kind shall be allowed within the Eco-sensitive Zone;

(iii) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC;

(iv) the tourism activities shall also form a component of the Zonal Master Plan.

(12) **Natural Heritage.-** The sites of valuable natural heritage in the Eco-sensitive Zone shall be identified and incorporated in the Zonal Master Plan; all the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. in the Eco-sensitive Zone shall be preserved; the State Government shall draw up proper plan for their protection and conservation within six months from the date of publication of this Notification and such plans shall form part of the Zonal Master Plan.

(13) **Man-made heritage sites.-** Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(14) **Noise pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).

(15) **Air Pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981.

(16) **Discharge of effluents.**—The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974).

(17) **Solid Wastes.**—(1) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Central Government vide notification number S.O. 908 (E), dated the 25th September 2000.

(2) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components.

(3) The biodegradable material shall be recycled preferably through composting or vermiculture.

(4) The inorganic material shall be disposed of in an environmentally acceptable manner.

(18) **Vehicular Traffic.**— The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment and Forests, the SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

3. Activities to be prohibited and regulated within the Eco-sensitive Zone.— All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 and be regulated in the manner specified in the Table below, namely:-

Table

S.No. (1)	Activity (2)	Prohibited (3)	Regulated (4)	Permitted (5)	Remarks (6)
1.	Commercial Mining, stone quarrying and crushing units.	Yes	-	-	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Felling of trees.	-	Yes	-	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government; (b) the felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
3.	Setting up of saw mills.	Yes	-	-	Prohibited with immediate effect.
4.	Setting up of industries causing water or air or soil or noise pollution.	Yes	-	-	Prohibited with immediate effect.
5.	Commercial establishment of hotels and resorts.	Yes	-	-	No new commercial establishment such as hotels and resorts shall be permitted within the Eco-sensitive Zone with immediate effect.
6.	Commercial use of firewood.	Yes	-	-	Prohibited with immediate effect.
7.	Commercial water resources including ground water harvesting.	-	Yes	-	(a) The extraction of surface water and ground water shall be allowed only for bona fide agricultural use and domestic consumption of the occupier of the land; (b) the extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned

					Regulatory Authority; (c) no sale of surface water or ground water shall be permitted; (d) steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
8.	Establishment of new major hydroelectric projects.	Yes	-	-	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100 KW) or the mini hydel power projects (from 101 to 2000 KW), which would serve the energy needs of the local communities, subject to consent of the concerned Gram Sabha and all other requisite clearances.
9.	Erection of electrical cables and telecommunication towers.	-	Yes	-	Promote underground cabling.
10.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	-	-	Yes	
11.	Rain water harvesting.	-	-	Yes	Shall be actively promoted.
12.	Fencing of existing premises of hotels and lodges.	-	Yes	-	
13.	Organic farming.	-	-	Yes	Shall be actively promoted.
14.	Widening and strengthening of existing roads and construction of new roads.	-	Yes	-	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
15.	Movement of vehicular traffic at night.	-	Yes	-	For commercial purpose.
16.	Introduction of exotic species.	-	Yes	-	
17.	Use or production of any hazardous substances.	Yes	-	-	Prohibited with immediate effect
18.	Undertaking activities related to tourism like over-flying the National Park area by	-	Yes	-	

	hot-air balloons, etc.				
19.	Protection of hill slopes and river banks.	-	Yes	-	
20.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Yes	-	-	Prohibited with immediate effect
21.	Discharge of treated effluents in natural water bodies or land area.	-	Yes	-	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
22.	Commercial Sign boards and hoardings.	-	Yes	-	
23.	Adoption of green technology for all activities.	-	-	Yes	Shall be actively promoted.
24.	Cottage industries including village artisans, etc.	-	-	Yes	
25.	Small scale industries not causing pollution.	-	Yes	-	Non-polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
26.	New wood based industry.	Yes	-	-	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
27.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	-	Yes	-	
28.	Construction activities	Yes	-	-	No new construction of any kind shall be allowed within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 11 and 24. In the case of activities listed at item number 25, the construction activity shall be regulated and kept at the minimum.
29.	Use of plastic carry bags.	Yes	-	-	Prohibited with immediate effect.
30.	Brick kilns.	Yes	-	-	Prohibited with immediate effect.

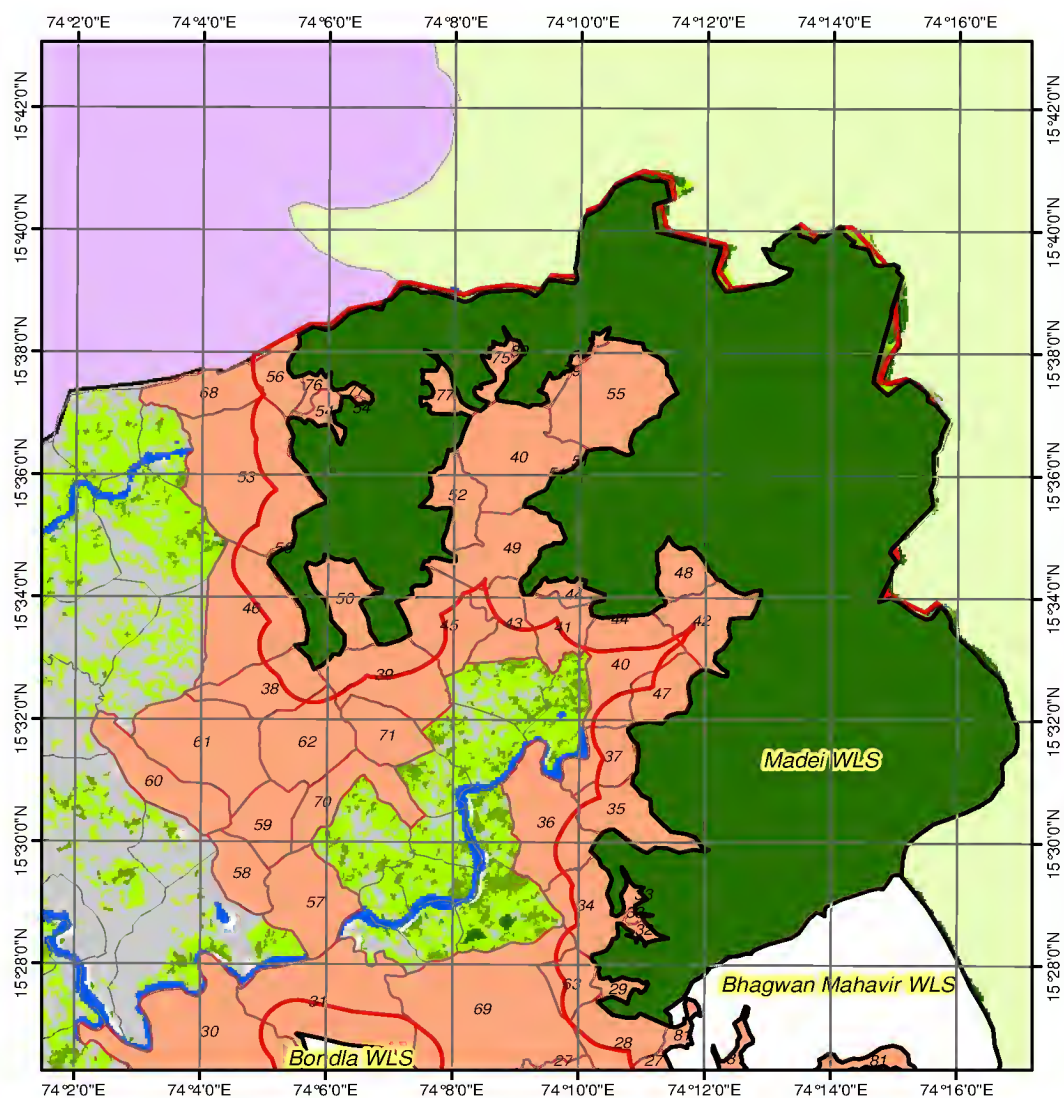
4. **State Level Eco-sensitive Zone Monitoring Committee.-** (1) The Central Government shall, for effective monitoring of the Eco-sensitive Zone, constitute a Committee to be called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa which shall comprise of:-

- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) Representative of the Ministry of Environment and Forests, Regional Office, Bangalore– Member;
 - (iii) Representative of the State Pollution Control Board- Member;
 - (iv) One representative of Non-governmental Organizations working in the field of environment to be nominated by the Government of Goa– Member;
 - (v) One representative of community based organization nominated by the State Government- Member;
 - (vi) Five representatives of the Government of Goa from Departments of Rural Development, Agriculture, Urban Development and Housing, Mining and Ports and Transport- Members;
 - (vii) One expert in Ecology from reputed Institution or University of the State of Goa- Member;
 - (viii) Concerned District Collector- Member;
 - (ix) Concerned Wildlife Warden– Member; and
 - (x) Director, Department of Environment, Government of Goa– Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
 - (3) The activities that are covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column (3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment and Forests for prior environmental clearances under the provisions of the said notification.
 - (4) The activities that are not covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 but are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column (3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned Regulatory Authorities.
 - (5) The Chairman or the Member Secretary of the SESZMC shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist it in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SESZMC shall submit the annual action taken report of its activities by 31st March of every year to the Central Government in the Ministry of Environment and Forests.
 - (8) The Central Government in the Ministry of Environment and Forests may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.










The provisions of this Notification are subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court.

Annexure I

Map of the Madei Wildlife Sanctuary Eco-sensitive Zone showing Latitudes-Longitudes



LEGEND

	Protected Areas		Moderately
	ESZ Boundary (1 km Radial)		Open
	Village		Very Dense
	Eco-sensitive		Non-forest
	Water bodies		

Annexure-II

List of villages falling within the Madei Wildlife Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes of prominent points

List of Villages completely within the ESZ Boundary

Village ID	Village Name	Longitude	Latitude
29	GAVANE	74.17689	15.46087
32	AASSODE	74.18375	15.47573
33	SIRSODE	74.18154	15.4803
44	Karambali Bramha	74.1684	15.56766
48	Maloli	74.1936	15.57358
50	Jarma	74.10352	15.56673
54	Gulle	74.09901	15.61613
75	IVRE BUDRUK	74.14446	15.62861
76	Kelavade	74.09576	15.623
77	Charavade	74.12604	15.62241
79	GOALI	74.16412	15.62884
80	IVRE KHURD	74.14983	15.63381

List of Villages partially within the ESZ Boundary

Village ID	Village Name	Longitude	Latitude
28	MALPON	74.17678	15.44692
34	SHELPI KHURD	74.16986	15.48303
35	Karambali Buzruk	74.17985	15.50679
36	VELGUE	74.15774	15.50555
37	Sanvarde	74.17272	15.52243
38	BHuipal	4.08431	15.54246
39	Mausi	74.11672	15.54429
40	Dogarvada	74.16196	15.58071
41	Ambede	74.16079	15.5586
42	Uste	74.2003	15.56064
43	Hedode	74.14674	15.5596
45	Koparde	74.13108	15.56036
46	Salili	74.07867	15.56142
47	Sonal	74.18898	15.54145
49	Naneli	74.14601	15.58022
52	Pali	74.13415	15.59265
53	Bayalvada	74.07873	15.59958
55	Rive	74.17471	15.62139
56	Anjune	74.08717	15.62664
62	Kumar Khand	70.09432	15.52734
63	AMBELI	74.16486	15.46215
68	Shiroli	74.06764	15.62236
69	MELAVALI	74.14275	15.45413

[F. No. 25/35/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

New Delhi, the 3rd March, 2014

S.O. 635(E).—The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette of India containing this notification are made available to the Public;

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi-110 003, or at e-mail address:- esz-mef@nic.in.

Draft Notification

Whereas, the Bhagwan Mahaveer Wildlife Sanctuary & National Park, Goa lying between latitudes 15° 29' 30.47" N and 15° 15' 9.29" N and longitudes 74° 20' 10.01" E and 74° 29' 26.27" E in the North Goa District of Goa State and extending over an area of 240 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity.

And whereas, out of the 240 square kilometres of original protected area, an area of 107 square kilometres has been carved out and constituted as a National Park thereby dividing the Sanctuary into two parts;

And whereas, the protected areas inhabits the endangered species of wildlife like Indian bison, tiger, panther, mouse deer, black panther, slender loris, wild dog, sloth bear, etc;

And whereas, the forest of these protected areas intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout which are perennial or semi perennial or seasonal in nature, feeding Zuari river, Mandovi river and its canals;

And whereas it is necessary to conserve and protect the area around the Bhagwan Mahaveer Wildlife Sanctuary and National Park as Eco-sensitive Zone from ecological and environmental point of view;

Now, therefore, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area of one kilometre all along the periphery of the boundary of the Bhagwan Mahaveer Wildlife Sanctuary and National Park in the State of Goa as the Eco-sensitive Zone, details of which are as under, namely:-

1. **Extent and Boundaries of Eco-sensitive Zone.**—(1) The extent of Eco-sensitive Zone is one kilometre uniformly all along the periphery of the boundary of the Bhagwan Mahaveer Wildlife Sanctuary and National Park within the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by the boundary of Madei Wildlife Sanctuary, on the South by the boundary of Netravali Wildlife Sanctuary, on the East by the boundary of Bhagwan Mahaveer Wildlife Sanctuary and National Park and on the West by areas of the villages of Dharbandora Taluka, Sattari Taluka and Sanguem Taluka; the Dudhsagar river, originating from the Bhagwan Mahaveer National Park passes through the Eco-sensitive Zone towards West along the Eco-sensitive Zone boundary and Bhagwan Mahavir Sanctuary boundary.

(3) The map of Eco-sensitive Zone boundary together with its latitudes and longitudes is appended to this notification as **Annexure I**.

(4) The list of four villages falling completely within the Eco-sensitive Zone boundary and the list of fourteen villages falling partially within Eco-sensitive Zone boundary of the Bhagwan Mahaveer Wildlife Sanctuary and National Park and falling within the Bhagwan Mahaveer Wildlife Sanctuary and National Park Eco-sensitive Zone alongwith their longitudes and latitudes at prominent points are appended to this notification as **Annexure II**.

(5) The list of villages given in Annexure II shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

(6) The ridge habitat linking Bondla to Madei and Bhagwan Mahaveer Wildlife Sanctuary and National Park shall be protected for its corridor value under clause (g) of section 38-O of the Wildlife (Protection) Act, 1972 (53 of 1972).

2. **Zonal Master Plan for the Eco-sensitive Zone.**— (1) For the purpose of effective management of the Eco-sensitive Zone, the State Government shall prepare, in consultation with local people, a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment and Forests, Government of India.

(2) The Zonal Master Plan shall be prepared with the involvement of all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(3) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(4) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, mining leases in operation, lakes and other water bodies.

(5) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(6) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), as referred to in para 4 for carrying out its functions of monitoring under the provisions of this notification.

(7) The Zonal Master Plan shall indicate measures and lay down stipulations for regulation of activities under column (4) of the Table specified in para 3.

(8) Change of land use of forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes into areas for commercial or industrial related development activities shall not be permitted in the Eco-sensitive Zone:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, only to meet the residential needs of the local residents arising due to the natural growth of existing local population including the activities listed at item numbers 11, 24 and 25, relating to rainwater harvesting, cottage industries including village artisans etc. and small scale industries not causing pollution, respectively, as specified in column (2) of the Table in para 3:

Provided further that no change in use of land from tribal usage to non-tribal usage shall be permitted without the prior approval of the State Government and without compliance of the provisions of the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007).

(9) The Central Government and the State Government may specify such other measures, as may be considered necessary, for giving effect to the provisions of this notification.

(10) **Natural Springs.-** The catchment areas of all springs shall be identified and plans for their conservation and rejuvenation of those that have run dry, in their natural setting shall be incorporated in the Zonal Master Plan and the strict guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(11) **Tourism.-** The activity relating to tourism within Eco-sensitive Zone shall be as under, namely:-

(i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in line with the central guidelines issued by the National Tiger Conservation Authority, Ministry of Environment and Forests and the Ministry of Tourism, Government of India with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(ii) no new construction of any kind shall be allowed within the Eco-sensitive Zone;

(iii) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC;

(iv) the tourism activities shall also form a component of the Zonal Master Plan.

(12) **Natural Heritage.-** The sites of valuable natural heritage in the Eco-sensitive Zone shall be identified and incorporated in the Zonal Master Plan; all the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. in the Eco-sensitive Zone shall be preserved; the State Government shall draw up proper plan for their protection and conservation within six months from the date of publication of this Notification and such plans shall form part of the Zonal Master Plan.

(13) **Man-made heritage sites.-** Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(14) **Noise pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).

(15) **Air Pollution.-** The Environment Department or the State Forest Department of Goa shall be the authority to draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981.

(16) **Discharge of effluents.-** The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974).

(17) **Solid Wastes.-** (1) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Central Government vide notification number S.O. 908 (E), dated the 25th September 2000.

(2) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components.

(3) The biodegradable material shall be recycled preferably through composting or vermiculture.

(4) The inorganic material shall be disposed of in an environmentally acceptable manner.

(18) **Vehicular Traffic.**— The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment and Forests, the SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

3. Activities to be prohibited and regulated within the Eco-sensitive Zone.— All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 and be regulated in the manner specified in the Table below, namely:—

S. No.	Activity	Prohibited	Regulated	Permitted	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Commercial Mining, stone quarrying and crushing units.	Yes	-	-	(a) All new mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Felling of trees.	-	Yes	-	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government; (b) the felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
3.	Setting up of saw mills.	Yes	-	-	Prohibited with immediate effect.
4.	Setting up of industries causing water or air or soil or noise pollution.	Yes	-	-	Prohibited with immediate effect.
5.	Commercial establishment of hotels and resorts.	Yes	-	-	No new commercial establishment such as hotels and resorts shall be permitted within the Eco-sensitive Zone with immediate effect.
6.	Commercial use of firewood.	Yes	-	-	Prohibited with immediate effect.
7.	Commercial water resources including ground water harvesting.	-	Yes	-	(a) The extraction of surface water and ground water shall be allowed only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land; (b) extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned Regulatory Authority; (c) no sale of surface water or ground water shall be permitted; (d) steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
8.	Establishment of new major hydroelectric projects.	Yes	-	-	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the

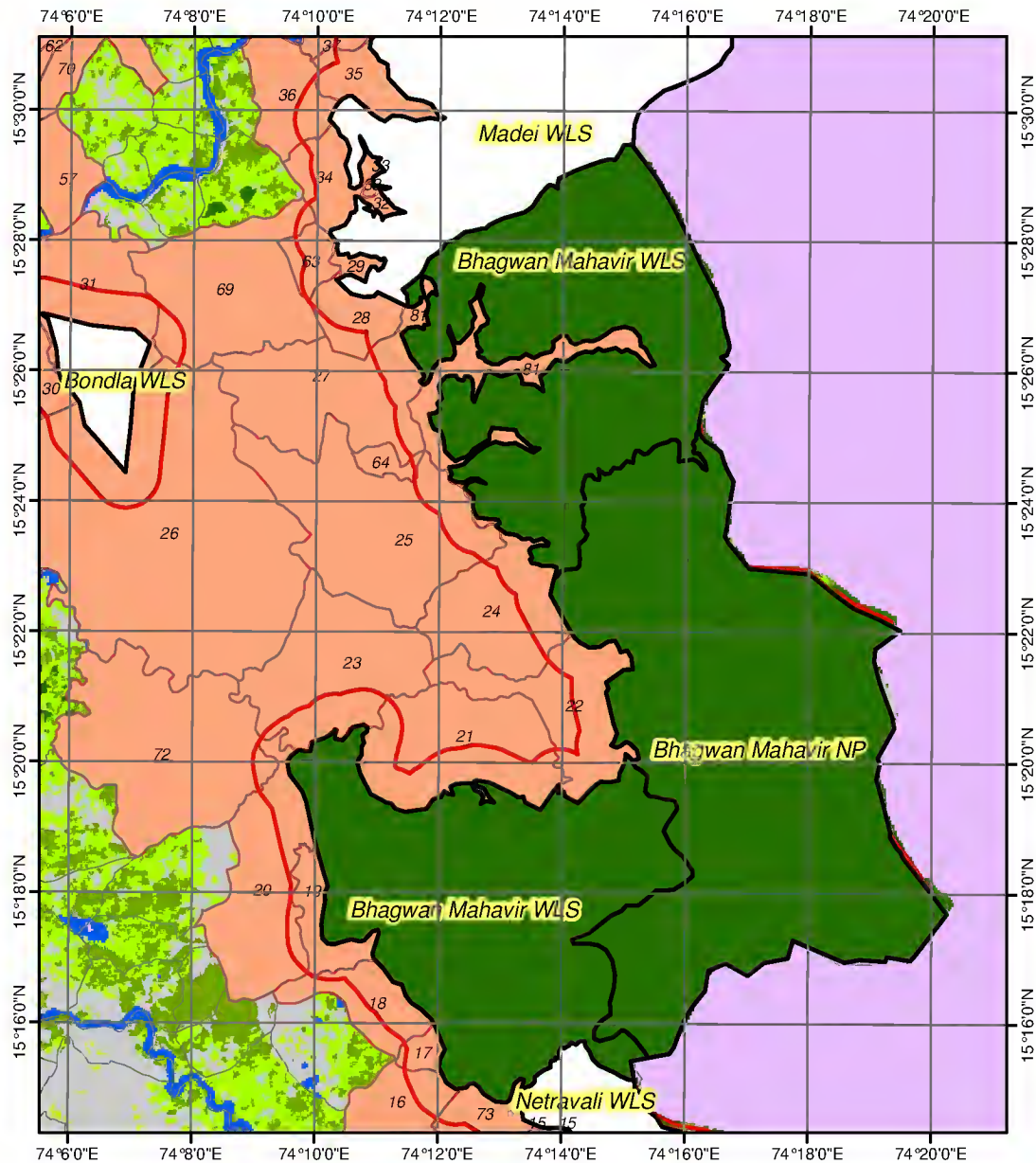
					Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to consent of the concerned Gram Sabha and all other requisite clearances.
9.	Erection of electrical cables and telecommunication towers.	-	Yes	-	Promote underground cabling.
10.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	-	-	Yes	
11.	Rain water harvesting.	-	-	Yes	Shall be actively promoted.
12.	Fencing of existing premises of hotels and lodges.	-	Yes	-	
13.	Organic farming.	-	-	Yes	Shall be actively promoted.
14.	Widening and strengthening of existing roads and construction of new roads.	-	Yes	-	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
15.	Movement of vehicular traffic at night.	-	Yes	-	For commercial purpose.
16.	Introduction of exotic species.	-	Yes	-	
17.	Use or production of any hazardous substances.	Yes	-	-	Prohibited with immediate effect.
18.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	-	Yes	-	
19.	Protection of hill slopes and river banks.	-	Yes	-	
20.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Yes	-	-	Prohibited with immediate effect.
21.	Discharge of treated effluents in natural water bodies or land area.	-	Yes	-	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
22.	Commercial Sign boards and hoardings.	-	Yes	-	
23.	Adoption of green technology for all activities.	-	-	Yes	Shall be actively promoted.
24.	Cottage industries including village artisans, etc.	-	-	Yes	
25.	Small scale industries not causing pollution.	-	Yes	-	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and

					which do not cause any adverse impact on environment.
26.	New wood based industry.	Yes	-	-	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
27.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	-	Yes	-	
28.	Construction activities	Yes	-	-	No new construction of any kind shall be allowed within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 11 and 24. In the case of activities listed at item number 25, the construction activity shall be regulated and kept at the minimum.
29.	Use of plastic carry bags	Yes	-	-	Prohibited with immediate effect.
30.	Brick kilns	Yes	-	-	Prohibited with immediate effect.

4. State Level Eco-sensitive Zone Monitoring Committee.- (1) The Central Government shall, for effective monitoring of the Eco-sensitive Zone, constitute a Committee to be called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa which shall comprise of:-

- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) representative of the Ministry of Environment and Forests, Regional Office, Bangalore –Member;
 - (iii) representative of the State Pollution Control Board-Member;
 - (iv) one representative of Non-governmental Organizations working in the field of environment to be nominated by the Government of Goa – Member;
 - (v) one representative of community based organization nominated by the State Government– Member;
 - (vi) five representatives of the Government of Goa from Departments of Rural Development, Agriculture, Urban Development and Housing, Mining and Ports and Transport– Members;
 - (vii) one expert in Ecology from reputed Institution or University of the State of Goa- Member;
 - (viii) concerned District Collector-Member;
 - (ix) concerned Wildlife Warden– Member; and
 - (x) Director, Department of Environment, Government of Goa– Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
 - (3) The activities that are covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment and Forests for prior environmental clearances under the provisions of the said notification.
 - (4) The activities that are not covered in the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 but are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under para 3, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned Regulatory Authorities.
 - (5) The Chairman or the Member Secretary of the SESZMC shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist it in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SESZMC shall submit the annual action taken report of its activities by 31st March of every year to the Central Government in the Ministry of Environment and Forests.

- (8) The Central Government in the Ministry of Environment and Forests may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
5. The provisions of this Notification are subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court.

Annexure I**Map of Bhagwan Mahaveer Wildlife Sanctuary & National Park Eco-sensitive Zone showing Latitudes-Longitudes****LEGEND**

 ESZ Boundary (1 km Radial distance)	Forest Cover (FSI)
 Protected Areas	 Moderately Dense
 Village boundaries	 Open
 Eco-sensitive Villages	 Very Dense
 Water bodies	 Non-forest

Annexure II

List of villages falling within the Bhagwan Mahavir Wildlife Sanctuary and National Park Eco-sensitive Zone alongwith their longitudes and latitudes of prominent points

List of Villages completely within the ESZ Boundary

Village ID	Village Name	Longitude	Latitude
29	GAVANE	74.17689	15.46087
32	AASSODE	74.18375	15.47573
33	SIRSODE	74.18154	15.4803
81	Surla	74.21397	15.43183

List of Villages partially within the ESZ Boundary

Village ID	Village Name	Longitude	Latitude
16	Ugem	74.19099	15.22965
17	MALINGEM	74.19578	15.25922
18	DUDAL	74.18048	15.27171
19	Colem	74.16887	15.29323
20	SANTONA	74.15277	15.30123
21	SHIGAON	74.20525	15.33697
22	KOLEM	74.23264	15.34796
23	SANGOD	74.1718	15.35707
24	MOLEN	74.2161	15.37162
25	SAKVORDE	74.18199	15.39463
27	AALOT	74.16917	15.42709
64	PANAS	74.18562	15.41006
72	KODLI	74.12519	15.33727
73	PATIEM	74.21284	15.24238

[F. No.25/34/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 25th January, 2015

S.O. 615(E).— WHEREAS, a draft notification, for declaration of Eco-sensitive Zone around Bondla Wildlife Sanctuary in Goa, was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 633 (E) dated 3rd March 2014, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, copies of the Gazette containing the said notification were made available to the public on the 3rd March, 2014;

AND WHEREAS, all objections and suggestions received from all persons and stakeholders in response to the draft notification have been duly considered by the Central Government;

AND WHEREAS, the Central Government considers that the Bondla Wildlife Sanctuary, Goa lying between latitudes 15° 26' 54.78" N and 15° 24' 42.50" N and longitudes 74° 7' 16.36" E and 74° 5' 26.60" E in the North Goa District of Goa State and extending over an area of 7.98 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

AND WHEREAS, the sanctuary inhabits the endangered species of wildlife like Indian bison, panther, mouse deer, spotted deer, sambhar deer, black panther, etc. and the flora of this area is represented by moist deciduous forest type;

AND WHEREAS, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimizing soil erosion and has a well knit network of streams spreading throughout, which are perennial or semi perennial or seasonal in nature, feeding Kushawati and Khandepar rivers;

AND WHEREAS, it is necessary to conserve and protect the area the extent and boundary of which is specified in paragraph 1 of this notification around the Bondla Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco- sensitive zone;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area with an extent of one kilometre of land or the water body, whichever is nearer to the boundary of the Bondla Wildlife Sanctuary in the State of Goa, as the Eco-sensitive Zone, details of which are as under, namely:-

1. Extent and Boundaries of Eco-sensitive Zone.- (1) The extent of Eco-sensitive Zone shall be one kilometre of land or the water body whichever is nearer to the boundary of the Bondla Wildlife Sanctuary within the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by areas of the villages Gangem, Conquirem and Melauli, on the South and West by the areas of the villages Dharbandora, Piliem and Usgaon, on the East by areas of the Villages Dharbandora and Melauli; the Ragada Nadi, a tributary of Madei River enters into the Eco-sensitive Zone on the East and passes along the Eco-sensitive Zone boundary from East towards North at few places.

(3) The map of Eco-sensitive Zone boundary is appended to this notification as **Annexure I**. List of latitudes and longitudes of prominent points on the boundary of the ESZ is appended to this notification as **Annexure II**.

(4) The list of villages falling partially within Eco-sensitive Zone boundary is given at **Annexure III**.

(5) The list of villages given in Annexure III shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone.- (1) The State Government shall for the purpose of effective management of the Eco-sensitive Zone, prepare a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment, Forest and Climate Change, Government of India in consultation with local people and all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(2) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(3) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, man-made heritage sites, natural heritage sites, mining leases in operation, lakes and other water bodies.

(4) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(5) The Zonal Master Plan shall contain the measures as may be specified by the Central Government or the State Government, for regulation of activities specified under column (2) of the table specified in paragraph 4.

(6) The Zonal Master Plan so prepared shall be co-terminus with the regional development plan.

(7) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), referred to in paragraph 5, for carrying out its functions of monitoring under the provisions of this notification.

3. Measures to be taken by State Government.-The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

(1) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, to meet the residential needs of local residents, and for the activities listed at item numbers 24, 26, 28 and 31 in column (2) of the Table in paragraph 4, namely:-

- (i) Small scale industries not causing pollution,
- (ii) Rainwater harvesting,
- (iii) Cottage industries including village industries, and
- (iv) Eco-friendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for Eco-friendly tourism activities:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the State Government and without compliance to the provisions of Article 244 of the Constitution of India or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) as amended time to time:

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of SESZMC, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(2) The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(3) The activity relating to tourism within the Eco-sensitive Zone which shall form part of the Zonal Master Plan shall be as under, namely:-

(a) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and by the National Tiger Conservation Authority, with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(b) new construction of any kind shall not be permitted within the Eco-sensitive Zone except for eco-friendly accommodation like tents, wooden houses or thatched roofs for temporary occupation of tourists and for eco-friendly tourism activities;

(c) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC.

(4) All sites of valuable natural heritage in the Eco-sensitive Zone such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and preserved and proper plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form part of the Zonal Master Plan.

(5) Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(6) The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(7) The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(8) The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) and the rules made thereunder.

(9) Disposal of solid wastes shall be as under:-

(i) the solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908 (E), dated the 25th September 2000 as amended from time to time;

(ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;

(iii) the biodegradable material shall be recycled preferably through composting or vermiculture;

(iv) the inorganic material shall be disposed of in an environmentally acceptable manner.

(10) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* Notification number S.O. 630(E), dated the 20th July, 1998 as amended from time to time.

(11) The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment, Forests and Climate Change, SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

4. List of activities prohibited or to be regulated within the Eco-sensitive Zone.-All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made thereunder and be regulated in the manner specified in the Table below, namely:-

TABLE

S.No.	Activity	Remarks
(1)	(2)	(3)
Prohibited Activities		
1.	Commercial Mining, stone quarrying and crushing units.	All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Setting up of saw mills.	Prohibited (except as otherwise provided) as per applicable laws.
3.	Setting up of industries causing water or air or soil or noise pollution.	Prohibited (except as otherwise provided) as per applicable laws.
4.	Commercial establishment of hotels and resorts.	New commercial establishment such as hotels and resorts shall be prohibited within the Eco-sensitive Zone with immediate effect.
5.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.

6.	Establishment of new major hydroelectric projects.	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to the consent of the concerned Gram Sabha and all other requisite clearances.
7.	Use or production of any hazardous substances.	Prohibited (except as otherwise provided) as per applicable laws.
8.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws.
9.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
10.	Construction activities	New construction of any kind shall be prohibited within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 26,28 and 31 and in the case of activities listed at item number 24, the construction activity shall be regulated and kept at the minimum.
11.	Use of plastic carry bags	Prohibited (except as otherwise provided) as per applicable laws.
12.	Brick kilns	Prohibited (except as otherwise provided) as per applicable laws.
Regulated Activities		
13.	Felling of trees.	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
14.	Commercial water resources including ground water harvesting.	(a) The extraction of surface water and ground water shall be permitted only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land. (b) Extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted shall require prior written permission from the concerned Regulatory Authority. (c) No sale of surface water or ground water shall be permitted. (d) Steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
15.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.
16.	Fencing of existing premises of hotels and lodges.	Regulated under applicable laws.
17.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
18.	Movement of vehicular traffic at night.	Regulated for commercial purpose as per applicable laws.
19.	Introduction of exotic species.	Regulated under applicable laws
20.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	Regulated under applicable laws
21.	Protection of hill slopes and river banks.	Regulated under applicable laws
22.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
23.	Commercial Sign boards and hoardings.	Regulated under applicable laws
24.	Small scale industries not causing pollution.	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
25.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws
26.	Eco-tourism activities including eco tourist lodges, restaurant and recreational facilities	As per Zonal Master Plan.

	including spa, swimming pool, gymnasium in temporary structures made of cloth or wood or particle board such as tents etc.	
Promoted Activities		
27.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws.
28.	Rain water harvesting.	Shall be actively promoted.
29.	Organic farming.	Shall be actively promoted.
30.	Adoption of green technology for all activities.	Shall be actively promoted.
31.	Cottage industries including village artisans, etc.	Shall be actively promoted.

5. State Level Eco-sensitive Zone Monitoring Committee:- (1)

The Central Government in the Ministry of Environment, Forest and Climate Change, for effective monitoring of the Eco-sensitive Zones around National Parks and Wildlife Sanctuaries, has constituted a Committee called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa vide notification number S.O. 221 (E), dated the 23rd January 2015, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) comprising of the following members, and to perform the following functions, namely:-

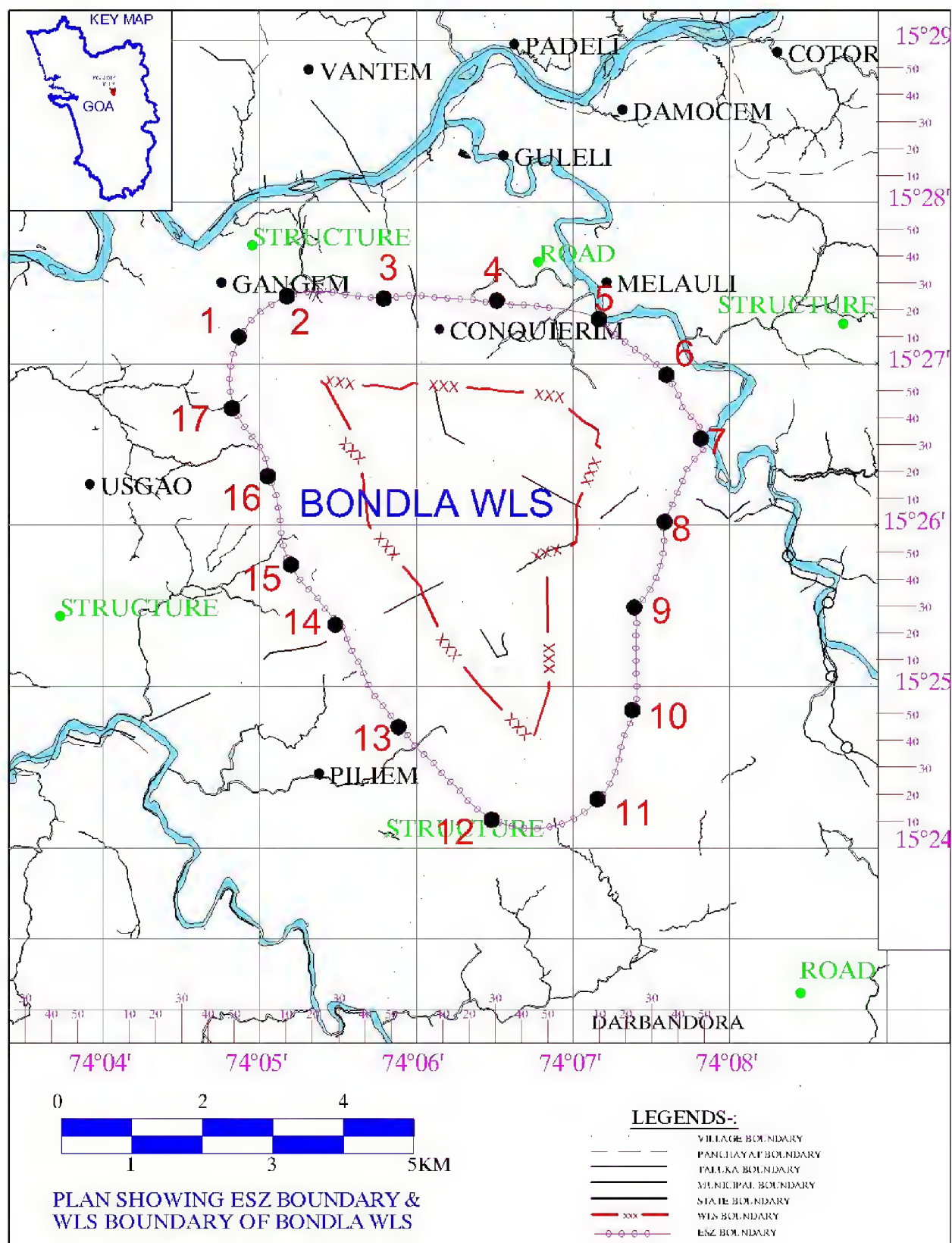
- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) representative of the Ministry of Environment, Forest and Climate Change- Member;
 - (iii) Member Secretary, State Pollution Control Board-Member;
 - (iv) one representative of Non-governmental Organisations working in the field of environment to be nominated by the Government of Goa (for a term of one year)- Member;
 - (v) one representative of community based organisation nominated by the State Government (for a term of one year)- Member;
 - (vi-xiv) Principal Secretaries of the Government of Goa from Departments of Forest and Environment, Rural Development, Agriculture, Urban Development, Housing, Mining, Ports, Transport and Revenue- Members;
 - (xv) one expert in Ecology from reputed Institution or University of the State of Goa to be nominated by Government of Goa (for a term of one year) - Member;
 - (xvi) Chief Conservator of Forests (WL) and Chief Wildlife Warden, Government of Goa- Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
 - (3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearance under the provisions of the said notification.
 - (4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned regulatory authorities.
 - (5) The Member Secretary of the SESZMC or the concerned Collector or the concerned park in-charge shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SESZMC shall submit the annual action taken report of its activities as on 31st March of every year by 30th June of that year to the Central Government in the Ministry of Environment, Forest and Climate Change as per pro forma given in **Annexure IV**.
 - (8) The Central Government in the Ministry of Environment, Forests and Climate Change may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
6. The provisions of this notification shall be subject to the orders passed by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal as the case may be, in respect of matters covered under this notification.

[F. No. 25/36/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

Annexure I

Map of Bondla Wildlife Sanctuary Eco-sensitive Zone showing Latitudes- Longitudes



Annexure II

List of latitudes and longitudes of prominent points on the boundary of the ESZ of Bondla Wildlife Sanctuary

S. No.	Description	Latitude	Longitude
1		15°27'9.84"N	74° 5'5.95"E
2		15°27'25.94"N	74° 5'25.56"E
3		15°27'24.13"N	74° 6'1.49"E
4		15°27'23.38"N	74° 6'44.61"E
5	RIVER	15°27'20.78"N	74° 7'11.36"E
6		15°26'58.13"N	74° 7'48.52"E
7	RIVER	15°26'36.46"N	74° 7'57.03"E
8		15°26'2.01"N	74° 7'48.61"E
9		15°25'29.17"N	74° 7'38.71"E
10		15°24'51.35"N	74° 7'36.81"E
11		15°24'18.85"N	74° 7'23.15"E
12		15°24'25.65"N	74° 6'28.87"E
13		15°24'48.35"N	74° 6'4.52"E
14		15°25'30.46"N	74° 5'38.15"E
15		15°25'44.26"N	74° 5'25.91"E
16		15°26'15.79"N	74° 5'16.86"E
17		15°26'40.96"N	74° 5'5.95"E

Annexure III

List of villages falling within the Bondla Wildlife Sanctuary Eco-sensitive Zone

List of Villages partially within the ESZ Boundary

S. No.	Village Name
1	Usgao
2	Ganjam
3	Conquirem
4	Melaluli
5	Pilliem
6	Darbandora

Annexure IV**Pro forma of Action Taken Report: - State Level Eco-sensitive Zone Monitoring Committee.-**

1. Number and date of Meetings
2. Minutes of the meetings: Mention main noteworthy points. Attached Minutes of the meeting on separate Annexure.
3. Status of preparation of Zonal master Plan including Tourism master Plan (Eco-sensitive Zone wise)
4. Summary of cases dealt for rectification of error apparent on face of land record. (Eco-sensitive Zone wise). Details may be attached as Annexure
5. Summary of cases scrutinized for activities covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise). Details may be attached as separate Annexure.
6. Summary of case scrutinized for activities not covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise). Details may be attached as separate Annexure.
7. Summary of complaints lodged under Section 19 of Environment (Protection) Act, 1986. (Eco-sensitive Zone wise).
8. Any other matter of importance.

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION

New Delhi, the 25th February, 2015

S.O. 616(E).—Whereas, a draft notification, for declaration of Eco-sensitive Zone around Madei Wildlife Sanctuary in Goa, was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 632(E), dated 3rd March, 2014, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

And Whereas, copies of the Gazette containing the said notification were made available to the public on the 3rd March, 2014;

And Whereas, all objections and suggestions received in response to the draft notification have been duly considered by the Central Government;

And Whereas, the Central Government considers that the Madei Wildlife Sanctuary, Sattari, Goa lying between latitudes 15° 40' 56.58" N and 15° 27' 12.64" N and longitudes 74° 16' 55.70" E and 74° 5' 2.58" E in the North Goa District of Goa State and extending over an area of 208.48 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

And Whereas, the Wrangton's free tailed bat is the species of vital importance in Madei Wildlife Sanctuary, besides some of the most endangered species like Indian gaur, panther, mouse deer, wild dogs, etc. are also found in this sanctuary;

And Whereas, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout, which are perennial or semi perennial or seasonal in nature, and feed into Madei river, Anjunem reservoir and its canals;

And Whereas, it is necessary to conserve and protect the area the extent and boundary of which is specified in paragraph 1 of this notification around the Madei Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive zone;

Now, Therefore, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent of one kilometre of land or the water body, whichever is nearer to the boundary of the Madei Wildlife Sanctuary in the State of Goa, as the Eco-sensitive Zone, details of which are as under, namely:—

1. Extent and Boundaries of Eco-sensitive Zone.—(1) The extent of Eco-sensitive Zone shall be one kilometre of land or the water body whichever is nearer to the boundary of the Madei Wildlife Sanctuary within the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by Maharashtra State boundary, on the South by the boundary of Bhagwan Mahaveer Wildlife Sanctuary, on the East by the villages of Karnataka State and on the West by the Anjunem reservoir and its canals and areas of the villages of Sattari Taluka; the Mahadei river, a tributary of Madei River joins the Eco-sensitive Zone on the East and passes along the Eco-sensitive Zone boundary from the East towards West at few places and the Anjunem reservoir is within the Eco-sensitive Zone towards West.

(3) The map of Eco-sensitive Zone boundary is appended to this notification as **Annexure I**. List of latitudes and longitudes of prominent points on the boundary of the ESZ is appended to this notification as **Annexure II**.

(4) The list of villages falling within Eco-sensitive Zone is given at **Annexure III**.

(5) The list of villages given in Annexure III shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone.—(1) The State Government shall for the purpose of effective management of the Eco-sensitive Zone, prepare a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment, Forests and Climate Change, Government of India in consultation with local people and all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(2) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(3) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, man-made heritage sites, natural heritage sites, mining leases in operation, lakes and other water bodies.

(4) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(5) The Zonal Master Plan shall contain the measures as may be specified by the Central Government or the State Government, for regulation of activities specified under column (2) of the table specified in paragraph 4.

(6) The Zonal Master Plan so prepared shall be co-terminus with the regional development plan.

(7) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), referred to in paragraph 5, for carrying out its functions of monitoring under the provisions of this notification.

3. **Measures to be taken by State Government.**—The State Government shall take the following measures for giving effect to the provisions of this notification, namely:—

(1) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, to meet the residential needs of local residents, and for the activities listed at item numbers 24, 26, 28 and 31 in column (2) of the Table in paragraph 4, namely:—

- (i) Small scale industries not causing pollution,
- (ii) Rainwater harvesting,
- (iii) Cottage industries including village industries, and
- (iv) Eco-friendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for Eco-friendly tourism activities:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the State Government and without compliance to the provisions of Article of 244 of the Constitution of India or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) as amended time to time:

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of SESZMC, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(2) The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(3) The activity relating to tourism within the Eco-sensitive Zone which shall form part of the Zonal Master Plan shall be as under, namely:—

(a) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and by the National Tiger Conservation Authority, with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(b) new construction of any kind shall not be permitted within the Eco-sensitive Zone except for eco-friendly accommodation like tents, wooden houses or thatched roofs for temporary occupation of tourists and for eco-friendly tourism activities;

(c) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC.

(4) All sites of valuable natural heritage in the Eco-sensitive Zone such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and preserved and proper plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form part of the Zonal Master Plan.

(5) Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(6) The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(7) The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(8) The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) and the rules made thereunder.

(9) Disposal of solid wastes shall be as under:—

(i) the solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908 (E), dated the 25th September, 2000 as amended from time to time;

(ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;

(iii) the biodegradable material shall be recycled preferably through composting or vermiculture;

(iv) the inorganic material shall be disposed of in an environmentally acceptable manner.

(10) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* Notification number S.O. 630 (E), dated the 20th July, 1998 as amended from time to time.

(11) The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment, Forests and Climate Change, SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

4. List of activities prohibited or to be regulated within the Eco-sensitive Zone.-All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made thereunder and be regulated in the manner specified in the Table below, namely:—

TABLE

S.No.	Activity	Remarks
(1)	(2)	(3)
Prohibited Activities		
1.	Commercial Mining, stone quarrying and crushing units.	All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect
2.	Setting up of saw mills.	Prohibited (except as otherwise provided) as per applicable laws.
3.	Setting up of industries causing water or air or soil or noise pollution.	Prohibited (except as otherwise provided) as per applicable laws.
4.	Commercial establishment of hotels and resorts.	New commercial establishment such as hotels and resorts shall be prohibited within the Eco-sensitive Zone with immediate effect.
5.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.
6.	Establishment of new major hydroelectric projects.	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to the consent of the concerned Gram Sabha and all other requisite clearances.
7.	Use or production of any hazardous substances.	Prohibited (except as otherwise provided) as per applicable laws.
8.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws.
9.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
10.	Construction activities	New construction of any kind shall be prohibited within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 26, 28 and 31 and in the case of activities listed at item number 24, the construction activity shall be regulated and kept at the minimum.
11.	Use of plastic carry bags	Prohibited (except as otherwise provided) as per applicable laws.
12.	Brick kilns	Prohibited (except as otherwise provided) as per applicable laws.
Regulated Activities		
13.	Felling of trees.	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the

		provisions of the concerned Central or State Act and the rules made thereunder.
14.	Commercial water resources including ground water harvesting.	(a) The extraction of surface water and ground water shall be permitted only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land. (b) Extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted shall require prior written permission from the concerned Regulatory Authority. (c) No sale of surface water or ground water shall be permitted. (d) Steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
15.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.
16.	Fencing of existing premises of hotels and lodges.	Regulated under applicable laws.
17.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
18.	Movement of vehicular traffic at night.	Regulated for commercial purpose as per applicable law.
19.	Introduction of exotic species.	Regulated under applicable laws
20.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	Regulated under applicable laws
21.	Protection of hill slopes and river banks.	Regulated under applicable laws
22.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
23.	Commercial Sign boards and hoardings.	Regulated under applicable laws
24.	Small scale industries not causing pollution.	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
25.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws
26.	Eco-tourism activities including eco tourist lodges, restaurant and recreational facilities including spa, swimming pool, gymnasium in temporary structures made of cloth or wood or particle board such as tents etc.	As per Zonal Master Plan.
Promoted Activities		
27.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws.
28.	Rain water harvesting.	Shall be actively promoted.
29.	Organic farming.	Shall be actively promoted.
30.	Adoption of green technology for all activities.	Shall be actively promoted.
31.	Cottage industries including village artisans, etc.	Shall be actively promoted.

5. **State Level Eco-sensitive Zone Monitoring Committee:**—(1) The Central Government in the Ministry of Environment, Forest and Climate Change, for effective monitoring of the Eco-sensitive Zones around National

Parks and Wildlife Sanctuaries, has constituted a Committee called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa vide notification number S.O. 221(E), dated the 23rd January, 2015, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) comprising of the following members, and to perform the following functions, namely:-

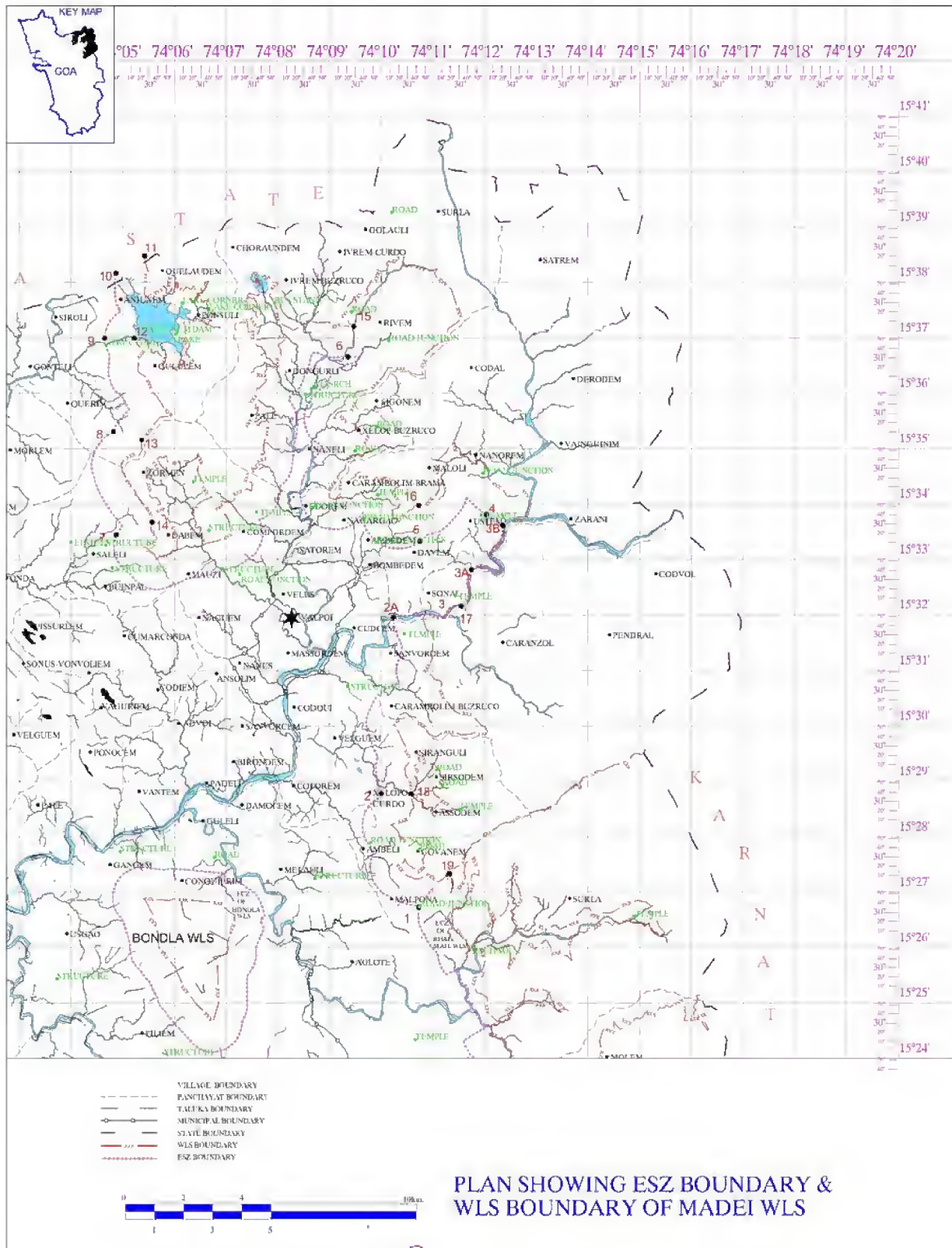
- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) Representative of the Ministry of Environment, Forest and Climate Change- Member;
 - (iii) Member Secretary, State Pollution Control Board-Member;
 - (iv) One representative of Non-governmental Organisations working in the field of environment to be nominated by the Government of Goa (for a term of one year)- Member;
 - (v) One representative of community based organisations nominated by the State Government (for a term of one year)- Member;
 - (vi-xiv) Principal Secretaries of the Government of Goa from Departments of Forest and Environment, Rural Development, Agriculture, Urban Development, Housing, Mining, Ports, Transport and Revenue – Members;
 - (xv) One expert in Ecology from reputed Institution or University of the State of Goa to be nominated by Government of Goa (for a term of one year) - Member;
 - (xvi) Chief Conservator of Forests (WL) and Chief Wildlife Warden, Government of Goa- Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
 - (3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533 (E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearance under the provisions of the said notification.
 - (4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned regulatory authorities.
 - (5) The Member Secretary of the SESZMC or the concerned Collector or the concerned park in-charge shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SEZMC shall submit the annual action taken report of its activities as on 31st March of every year by 30th June of that year to the Central Government in the Ministry of Environment, Forest and Climate Change as per pro forma given in **Annexure IV**.
 - (8) The Central Government in the Ministry of Environment, Forests and Climate Change may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
6. The provisions of this notification shall be subject to the orders passed by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal as the case may be, in respect of matters covered under this notification.

[F. No. 25/35/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

Annexure I

Map of Madei Wildlife Sanctuary Eco-sensitive Zone showing Latitudes-Longitudes



Annexure II**List of latitudes and longitudes of prominent points on the boundary of the ESZ of Madei Wildlife Sanctuary**

S. No.	Description	Latitude	Longitude
1	ROAD	15°26'51.80"N	74°10'12.72"E
2	ROAD	15°28'39.16"N	74° 9'54.27"E
2A	RIVER	15°31'54.55"N	74°10'2.95"E
3	RIVER	15°32'5.29"N	74°11'21.42"E
3A	RIVER	15°32'49.27"N	74°11'50.82"E
3B	RIVER	15°33'36.55"N	74°12'22.95"E
4	ROAD	15°33'40.55"N	74°11'54.37"E
5	ROAD	15°33'11.87"N	74°10'37.94"E
6	ROAD	15°36'31.11"N	74° 9'13.98"E
7	PADDY CENTER	15°33'17.55"N	74° 4'47.43"E
8	HILLY AREA	15°35'9.23"N	74° 4'43.38"E
9	ROAD	15°36'50.26"N	74° 4'33.07"E
10	END POINT	15°38'0.35"N	74° 4'45.76"E
11	WLS MAHARASHTRA BORDER	15°38'21.41"N	74° 5'29.24"E
12	WLS BOUNDARY	15°36'55.66"N	74° 5'20.41"E
13	WLS BOUNDARY	15°34'49.44"N	74° 4'48.60"E
14	WLS BOUNDARY	15°33'42.47"N	74° 5'38.06"E
15	WLS BOUNDARY	15°37'13.18"N	74° 9'25.19"E
16	WLS BOUNDARY	15°33'47.58"N	74°10'50.96"E
17	WLS BOUNDARY	15°32'5.29"N	74°11'21.42"E
18	WLS BOUNDARY	15°28'45.34"N	74°10'37.90"E
19	WLS BOUNDARY	15°27'15.04"N	74°11'16.98"E

Annexure III**List of villages falling within the Madei Wildlife Sanctuary Eco-sensitive Zone****List of Villages completely falling within the ESZ Boundary**

S. No.	Village Name
1	Rivem

List of Villages partially within the ESZ Boundary

S. No.	Village Name
1	Anjunem
2	Ponsuli
3	Quelaudem
4	Gullullem
5	Querim
6	Zorme
7	Saleli
8	Bhuimpal
9	Dabem
10	Mauxi
11	Compordem
12	Naneli
13	Pale
14	Dongurli
15	Choraundem
16	Golaui

17	Edorem
18	Carambolim-Bramma
19	Nagargao
20	Ambedem
21	Satorem
22	Davem
23	Ustem
24	Maloli
25	Sanvordem
26	Carambolim-Buzrucco
27	Velguem
28	Siranguli
29	Sirsodem
30	Assodem
31	Xelopo-Curdo
32	Govanem
33	Ambeli
34	Malpona
35	Surla

Annexure IV**Proforma of Action Taken Report: - State Level Eco-sensitive Zone Monitoring Committee.-**

1. Number and date of Meetings
2. Minutes of the meetings: Mention main noteworthy points. Attached Minutes of the meeting on separate Annexure.
3. Status of preparation of Zonal master Plan including Tourism master Plan (Eco-sensitive Zone wise)
4. Summary of cases dealt for rectification of error apparent on face of land record. (Eco-sensitive Zone wise).
Details may be attached as Annexure
5. Summary of cases scrutinized for activities covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
6. Summary of case scrutinized for activities not covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
7. Summary of complaints ledged under Section 19 of Environment (Protection) Act, 1986. (Eco-sensitive Zone wise).
8. Any other matter of importance.

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 23rd January, 2015

S.O. 221(E).—Whereas, the Bhagwan Mahaveer Wildlife Sanctuary and National Park, Goa lying between latitudes 15° 29' 30.47'' N and 15° 15' 9.29'' N and longitudes 74° 20' 10.01'' E and 74° 29' 26.27'' E in the North Goa District of Goa State and extending over an area of 240 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

And whereas, out of the 240 square kilometres of original Bhagwan Mahaveer Wildlife Sanctuary, an area of 107 square kilometres was carved out and constituted as a National Park thereby dividing the Sanctuary into two parts;

And whereas, the endangered species of wildlife like Indian bison, panther, mouse deer, black panther, slender loris, wild dog, sloth bear, etc inhabits the Protected Areas;

And whereas, the forest of these Protected Areas intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout which are perennial or semi perennial or seasonal in nature, feeding Zuari river, Mandovi river and its canals;

And whereas, it is necessary to conserve and protect the area around the Bhagwan Mahaveer Wildlife Sanctuary and National Park as Eco-sensitive Zone from ecological and environmental point of view;

And whereas, a draft notification under sub-section (1) read with clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 635(E), dated the 3rd March, 2014, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

And whereas, copies of the Gazette containing the said notification were made available to the public on the 3rd March, 2014 along with the corrigendum issued *vide* notification number S.O. 831(E), dated 19th March, 2014;

And whereas, all objections and suggestions received in response the draft notification have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent of one kilometre of land or the water body, whichever is nearer to the boundary of the Bhagwan Mahaveer Wildlife Sanctuary and National Park in the State of Goa, as the Eco-sensitive Zone, details of which are as under, namely:—

1. Extent and Boundaries of Eco-sensitive Zone.—(1) The extent of Eco-sensitive Zone shall be one kilometre of land or the water body whichever is nearer to the boundary of the Bhagwan Mahaveer Wildlife Sanctuary and National Park in the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by the boundary of Madei Wildlife Sanctuary, on the South by the boundary of Netravali Wildlife Sanctuary, on the East by the boundary of Bhagwan Mahaveer Wildlife Sanctuary and National Park and on the West by areas of the villages of Dharbandora Taluka, Sattari Taluka and Sanguem Taluka; the Dudhsagar river, originating from the Bhagwan Mahaveer National Park passes through the Eco-sensitive Zone towards West along the Eco-sensitive Zone boundary and Bhagwan Mahavir Sanctuary boundary.

(3) The map of Eco-sensitive Zone boundary is appended to this notification as **Annexure I**. List of latitudes and longitudes of prominent points on the boundary of the ESZ is appended to this notification as **Annexure II**.

(4) The list of sixteen villages falling partially within Eco-sensitive Zone boundary is given at **Annexure III**.

(5) The list of villages given in Annexure III shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone.- (1) The State Government shall for the purpose of effective management of the Eco-sensitive Zone, prepare a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for consideration and approval of the Ministry of Environment, Forests, and Climate Change, Government of India in consultation with local people and with the involvement of all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(2) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(3) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, man-made heritage sites, natural heritage sites, mining leases in operation, lakes and other water bodies.

(4) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(5) The Zonal Master Plan shall contain the measures as may be specified by the Central Government or the State Government, for regulation of activities specified under column (2) of the table specified in paragraph 4.

(6) The Zonal Master Plan so prepared shall be co-terminus with the regional development plan.

(7) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), as referred to in para 5, for carrying out its functions of monitoring under the provisions of this notification.

3. Measures to be taken by State Government.- The State Governments shall take the following measures for giving effect to the provisions of this notification, namely:—

(1) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, to meet the residential needs of the local residents, and for the activities listed at item numbers 24, 26, 28 and 31 in column (2) of the Table in paragraph 4, namely:-

- (i) Small scale industries not causing pollution,
- (ii) Rainwater harvesting, and
- (iii) Cottage industries including village industries,
- (iv) Ecofriendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for Eco-friendly tourism activities:

Provided further that no change in use of land from tribal usage to non-tribal usage shall be permitted without the prior approval of the State Government and without compliance of the provisions of the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of SESZMC, only once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(2) The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the strict guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(3) The activity relating to tourism within the Eco-sensitive Zone which shall form part of the Zonal Master Plan shall be as under, namely:-

(a) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forests and Climate Change and by the National Tiger Conservation Authority, with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(b) New construction of any kind shall not be allowed within the Eco-sensitive Zone except for eco-friendly accommodation like tents, wooden houses or thatched roofs for temporary occupation of tourists and for eco-friendly tourism activities:

(c) Till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC.

(4) All sites of valuable natural heritage in the Eco-sensitive Zone such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and preserved and proper plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form part of the Zonal Master Plan.

(5) Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(6) The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981(14 of 1981).

(7) The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).

(8) The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974).

(9) Disposal of solid wastes shall be as under:-

(i) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908(E), dated the 25th September, 2000;

(ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;

(iii) The biodegradable material shall be recycled preferably through composting or vermiculture;

(iv) the inorganic material shall be disposed of in an environmentally acceptable manner.

(10) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* Notification number S.O. 630(E), dated the 20th July, 1998.

(11) The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment, Forests and Climate Change, SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

4. List of activities prohibited or to be regulated within the Eco-sensitive Zone.-All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and be regulated in the manner specified in the Table below, namely:—

TABLE

S.No.	Activity	Remarks
(1)	(2)	(3)
Prohibited Activities		
1.	Commercial Mining, stone quarrying and crushing units.	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect: Provided that the existing mines may be phased out within a period of ten years subject to the Supreme Court modifying its interim order dated 4.8.2006 in I.A. 1000 in Writ Petition 202 of 1995 (T.N. Godavarman Vs. Union of India) and its order in Writ Petition 435 of 2012 in the matter of Goa Foundation Vs Union of India: Provided further that the State Government shall ensure a proper and rigorous mine closure plan for rehabilitation and ecological restoration of the mined out area which shall be completed as early as possible as per Indian Bureau of Mines norms.
2.	Setting up of saw mills.	Prohibited with immediate effect.
3.	Setting up of industries causing water or air or soil or noise pollution.	Prohibited with immediate effect.
4.	Commercial establishment of hotels and resorts.	New commercial establishment such as hotels and resorts shall be prohibited within the Eco-sensitive Zone with immediate effect.
5.	Commercial use of firewood.	Prohibited with immediate effect.
6.	Establishment of new major hydroelectric projects.	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to the consent of the concerned Gram Sabha and all other requisite clearances.
7.	Use or production of any hazardous substances.	Prohibited with immediate effect
8.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited with immediate effect.
9.	New wood based industry.	Establishment of new wood based industry shall be prohibited within the limits of Eco-sensitive Zone with immediate effect.
10.	Construction activities	No new construction of any kind shall be prohibited within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 26, 28 and 31 and in the case of activities listed at item number 24, the construction activity shall be regulated and kept at the minimum.
11.	Use of plastic carry bags	Prohibited with immediate effect.
12.	Brick kilns	Prohibited with immediate effect.
Regulated Activities		
13.	Felling of trees.	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
14.	Commercial water resources including ground water harvesting.	(a) The extraction of surface water and ground water shall be allowed only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land (b) extraction of surface water and ground water for industrial or commercial

		use including the amount that can be extracted, shall require prior written permission from the concerned Regulatory Authority. (c) No sale of surface water or ground water shall be permitted. (d) Steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
15.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.
16.	Fencing of existing premises of hotels and lodges.	
17.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
18.	Movement of vehicular traffic at night.	For commercial purpose.
19.	Introduction of exotic species.	
20.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	
21.	Protection of hill slopes and river banks.	
22.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
23.	Commercial Sign boards and hoardings.	
24.	Small scale industries not causing pollution.	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
25.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	
26.	Eco-tourism activities including eco tourist lodges, restaurant and recreational facilities including sap, swimming pool, gymnasium in temporary structures made of cloth or wood or particle board such as tents etc.	As per tourism master plan
Promoted Activities		
27.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	
28.	Rain water harvesting.	Shall be actively promoted.
29.	Organic farming.	Shall be actively promoted.
30.	Adoption of green technology for all activities.	Shall be actively promoted.
31.	Cottage industries including village artisans, etc.	

5. State Level Eco-sensitive Zone Monitoring Committee.- (1) The Central Government in the Ministry of Environment, Forest and Climate Change, for effective monitoring of all notified Eco-sensitive Zones around the National Parks and Wildlife Sanctuaries in the state of Goa, hereby constitutes a Committee

called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa comprising of the following members, namely:-

- (i) Chief Secretary, Government of Goa- Chairman;
- (ii) Representative of the Ministry of Environment, Forests and Climate Change –Member;
- (iii) Member Secretary, State Pollution Control Board-Member;
- (iv) One representative of Non-governmental Organizations working in the field of environment, nominated by the Government of Goa (for a term of one year)– Member;
- (v) One representative of community based organization nominated by the State Government (for a term of one year)– Member;
- (vi) Principal Secretaries of the Government of Goa from Departments of Forest, Environment, Rural Development, Agriculture, Urban Development and Housing, Mining and Ports and Transport, Revenue– Members;
- (vii) One expert in Ecology from reputed Institution or University of the State of Goa nominated by the State Government (for a term of one year) - Member;
- (viii) Chief Conservator of Forests (WL) and Chief Wildlife Warden, Government of Goa– Member Secretary.

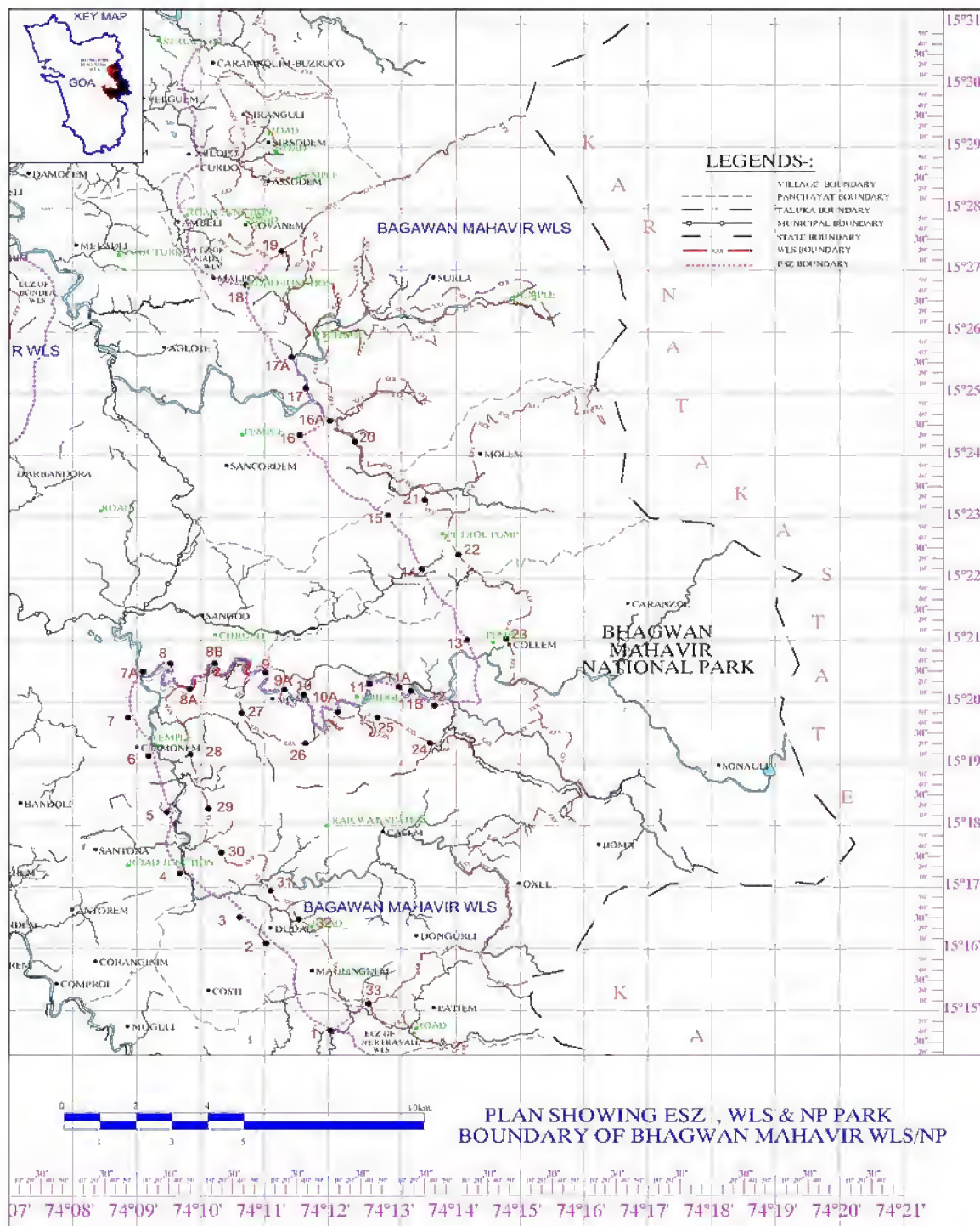
(2) The function of the SESZMC shall be as under:

- (a) The SESZMC shall monitor the compliance of the provisions of Notifications declaring Eco-sensitive Zones around National Park and Wildlife Sanctuaries in the State of Goa including this notification.
 - (b) All activities that are covered under the Schedule to the notification of the Government of India in the Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling within such Eco-sensitive Zones as are notified by the Central Government by issuing notification in the Gazette of India in respect of the National Parks and Wildlife Sanctuaries in the State of Goa, except for the prohibited activities specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and refer the same to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.
 - (c) The activities that are not covered under the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 but are falling within such Eco-sensitive Zones as are notified by the Central Government by issuing notification in the Gazette of India in respect of the National Parks and Wildlife Sanctuaries in the State of Goa, except for the prohibited activities specified in the Table under paragraph 4 thereof, shall be scrutinized by the SESZMC based on the actual site-specific conditions and refer the same to the concerned regulatory authorities.
 - (d) The Member Secretary of the SESZMC or the concerned Collector or the concerned park in-charge shall be competent to file complaint under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (e) The SESZMC may invite representatives or experts from concerned Departments, Industry Associations or concerned stakeholders to assist it in its deliberations depending on the requirements on issue to issue basis.
 - (f) The SESZMC shall submit the annual action taken report of its activities as on 31st March of every year by 30th June of that year to the Central Government in the Ministry of Environment, Forests and Climate Change as per pro forma given in **Annexure IV**.
 - (g) The Central Government in the Ministry of Environment, Forests and Climate Change may give such directions, as it may deem fit, to the SESZMC for effective discharge of its functions.
6. The provisions of this notification shall be subject to the orders passed by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal (NGT) as the case may be, in respect of matters covered under this notification.

[F. No. 25/34/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

Map of Bhagwan Mahaveer Wildlife Sanctuary & National Park Eco-sensitive Zone showing Latitudes-Longitudes



Annexure II

CO-ORDINATES OF PROMINENT POINTS			
S. No.	Description	Latitude	Longitude
1	PLANTATION	15°14'32.12"N	74°11'55.78"E
2	ROAD	15°15'58.19"N	74°10'58.55"E
3	ROAD	15°16'23.40"N	74°10'33.37"E
4	RAILWAY ROAD	15°17'5.93"N	74° 9'38.10"E
5	ROAD	15°18'5.77"N	74° 9'25.42"E
6	ROAD	15°19'0.17"N	74° 9'8.32"E
7	ROAD	15°19'37.55"N	74° 8'48.79"E
7A	RIVER	15°20'27.07"N	74° 9'5.03"E
8	RIVER	15°20'49.63"N	74° 9'40.75"E
8A	RIVER	15°20'12.15"N	74° 9'48.20"E
8B	RIVER	15°20'36.59"N	74°10'13.28"E
9	RIVER	15°20'41.92"N	74°11'7.41"E
9A	RIVER	15°20'11.85"N	74°11'19.26"E
10	RIVER	15°20'7.80"N	74°11'48.41"E
10A	RIVER	15°19'50.54"N	74°12'9.19"E
11	RIVER	15°20'10.67"N	74°12'34.26"E
11A	RIVER	15°20'12.43"N	74°13'6.80"E
11B	RIVER	15°20'12.11"N	74°13'15.51"E
12	ROAD	15°19'47.29"N	74°13'31.47"E
13	ROAD	15°20'51.63"N	74°14'1.11"E
14	ROAD	15°21'58.72"N	74°13'19.14"E
15	PADDY CORNER	15°22'52.60"N	74°12'47.45"E
16	PADDY CORNER	15°23'53.72"N	74°11'35.05"E
16A	RIVER	15°24'34.13"N	74°12'1.38"E
17	RIVER	15°25'5.24"N	74°11'36.97"E
17A	RIVER	15°25'37.06"N	74°11'27.73"E
18	MADEI-BHAWGAN ESZ	15°26'51.80"N	74°10'12.72"E
19	MADEI-BHAWGAN WLS	15°27'15.04"N	74°11'16.98"E
20	WLS BOUNDARY	15°24'7.47"N	74°12'31.77"E
21	WLS BOUNDARY	15°23'9.15"N	74°13'27.37"E
22	WLS BOUNDARY	15°22'11.43"N	74°13'59.18"E
23	WLS BOUNDARY	15°21'1.53"N	74°14'42.51"E
24	WLS BOUNDARY	15°19'21.93"N	74°13'28.54"E
25	WLS BOUNDARY	15°19'48.95"N	74°12'41.04"E
26	WLS BOUNDARY	15°19'31.54"N	74°11'58.74"E
27	WLS BOUNDARY	15°19'57.69"N	74°10'50.58"E
28	WLS BOUNDARY	15°19'8.06"N	74° 9'50.22"E
29	WLS BOUNDARY	15°18'20.49"N	74° 9'57.43"E
30	WLS BOUNDARY	15°17'29.83"N	74°10'19.74"E
31	WLS BOUNDARY	15°16'54.18"N	74°11'5.25"E
32	WLS BOUNDARY	15°16'24.77"N	74°11'35.11"E
33	BHAGWAN-NETRAVALI WLS	15°15'10.83"N	74°12'33.08"E

Annexure III

List of villages falling within the Bhagwan Mahaveer Wildlife Sanctuary and National Park Eco-sensitive Zone

List of Villages partially within the ESZ Boundary

S. No.	Village Name
1	Aglote
2	Sancordem
3	Mollem
4	Surla

5	Collem
6	Sigao
7	Codli
8	Cormonem
9	Santona
10	Calem
11	Dudal
12	Maulinguem
13	Uguem
14	Melauli
15	Govanem
16	Patiem

Annexure IV**Proforma of Action Taken Report: - State Level Eco-sensitive Zone Monitoring Committee.-**

1. Number and date of Meetings
2. Minutes of the meetings: Mention main noteworthy points. Attached Minutes of the meeting on separate Annexure.
3. Status of preparation of Zonal master Plan including Tourism master Plan (Eco-sensitive Zone wise)
4. Summary of cases dealt for rectification of error apparent on face of land record. (Eco-sensitive Zone wise).
Details may be attached as Annexure
5. Summary of cases scrutinized for activities covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
6. Summary of case scrutinized for activities not covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
7. Summary of complaints ledged under Section 19 of Environment (Protection) Act, 1986. (Eco-sensitive Zone wise).
8. Any other matter of importance.

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 24th February, 2015

S.O.608(E).— Whereas, a draft notification, for declaration of Eco-sensitive Zone around Cotigao Wildlife Sanctuary in Goa, was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 630 (E) dated 3rd March 2014, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

And Whereas, copies of the Gazette containing the said notification were made available to the public on the 3rd March, 2014;

And Whereas, all objections and suggestions received from all persons and stakeholders in response to the draft notification have been duly considered by the Central Government;

And Whereas, the Central Government considers that the Cotigao Wildlife Sanctuary, Goa lying between latitudes 15° 2' 43.25" N and 14° 55' 33.54" N and longitudes 74° 15' 55.07" E and 74° 7' 22.20" E in the South Goa District of Goa State and extending over an area of 85.65 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

And Whereas, the sanctuary inhabits the endangered species of wildlife like Indian bison, panther, mouse deer, black panther, slender loris, bear, wild dog, etc;

And Whereas, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout which are perennial or semi perennial or seasonal in nature, feeding Cotigao river, its tributaries and the various other water bodies including wells situated in the low lying areas;

And Whereas, it is necessary to conserve and protect the area the extent and boundary of which is specified in paragraph 1 of this notification around the Cotigao Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive zone;

Now, Therefore, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent of one kilometre of land or the water body, whichever is nearer to the boundary of the Cotigao Wildlife Sanctuary in the State of Goa, as the Eco-sensitive Zone (herein after referred to as Eco-sensitive Zone) details of which are as under, namely:-

1. Extent and Boundaries of Eco-sensitive Zone. - (1) The extent of Eco-sensitive Zone shall be one kilometre of land or the water body whichever is nearer to the boundary of the Cotigao Wildlife Sanctuary within the State of Goa.

(2) The Eco-sensitive Zone is bounded on the North by Netravali Wild Life Sanctuary, on the South by Karnataka State, on the East by the Cotigao Wild Life Sanctuary and on the West by remaining part of Cotigao, Poinguinim and Gaodongrem villages.

(3) The map of Eco-sensitive Zone boundary is appended to this notification as **Annexure I**. List of latitudes and longitudes of prominent points on the boundary of the ESZ is appended to this notification as **Annexure II**.

(4) The list of villages falling within Eco-sensitive Zone is given at **Annexure III**.

(5) The list of villages given in Annexure III shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone. - (1) The State Government shall for the purpose of effective management of the Eco-sensitive Zone, prepare a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment, Forest and Climate Change, Government of India in consultation with local people and all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

(2) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(3) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, man-made heritage sites, natural heritage sites, mining leases in operation, lakes and other water bodies.

(4) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.

(5) The Zonal Master Plan shall contain the measures as may be specified by the Central Government or the State Government, for regulation of activities specified under column (2) of the table specified in paragraph 4.

(6) The Zonal Master Plan so prepared shall be co-terminus with the regional development plan.

(7) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), referred to in paragraph 5, for carrying out its functions of monitoring under the provisions of this notification.

3. **Measures to be taken by State Government.**—The State Government shall take the following measures for giving effect to the provisions of this notification, namely:—

(1) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, to meet the residential needs of local residents, and for the activities listed at item numbers 24, 26, 28 and 31 in column (2) of the Table in paragraph 4, namely:—

(i) Small scale industries not causing pollution,

(ii) Rainwater harvesting,

(iii) Cottage industries including village industries, and

(iv) Ecofriendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for Eco-friendly tourism activities:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the State Government and without compliance to the provisions of Article 244 of the Constitution of India or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) as amended from time to time:

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of SESZMC, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(2) The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.

(3) The activity relating to tourism within the Eco-sensitive Zone which shall form part of the Zonal Master Plan shall be as under, namely:—

(a) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and by the National Tiger Conservation Authority, with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(b) new construction of any kind shall not be permitted within the Eco-sensitive Zone except for eco-friendly accommodation like tents, wooden houses or thatched roofs for temporary occupation of tourists and for eco-friendly tourism activities;

(c) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC.

(4) All sites of valuable natural heritage in the Eco-sensitive Zone such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and preserved and proper plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form part of the Zonal Master Plan.

(5) Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(6) The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(7) The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(8) The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974) and the rules made thereunder.

(9) Disposal of solid wastes shall be as under:-

(i) the solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908 (E), dated the 25th September, 2000 as amended from time to time;

(ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;

(iii) the biodegradable material shall be recycled preferably through composting or vermiculture;

(iv) the inorganic material shall be disposed of in an environmentally acceptable manner.

(10) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* Notification number S.O. 630(E), dated the 20th July, 1998 as amended from time to time.

(11) The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment, Forests and Climate Change, SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

4. List of activities prohibited or to be regulated within the Eco-sensitive Zone.-All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made thereunder and be regulated in the manner specified in the Table below, namely:-

TABLE

S.No.	Activity	Remarks
(1)	(2)	(3)
Prohibited Activities		
1.	Commercial Mining, stone quarrying and crushing units.	All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Setting up of saw mills.	Prohibited (except as otherwise provided) as per applicable laws.
3.	Setting up of industries causing water or air or soil or noise pollution.	Prohibited (except as otherwise provided) as per applicable laws.
4.	Commercial establishment of hotels and resorts.	New commercial establishment such as hotels and resorts shall be prohibited within the Eco-sensitive Zone with immediate effect.
5.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.
6.	Establishment of new major hydroelectric projects.	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to the consent of the concerned Gram Sabha and all other requisite clearances.
7.	Use or production of any hazardous	Prohibited (except as otherwise provided) as per applicable

	substances.	laws.
8.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws.
9.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
10.	Construction activities	New construction of any kind shall be prohibited within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 26,28 and 31 and in the case of activities listed at item number 24, the construction activity shall be regulated and kept at the minimum.
11.	Use of plastic carry bags	Prohibited (except as otherwise provided) as per applicable laws.
12.	Brick kilns	Prohibited (except as otherwise provided) as per applicable laws.
Regulated Activities		
13.	Felling of trees.	(a) There shall be no felling of trees in the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
14.	Commercial water resources including ground water harvesting.	(a) The extraction of surface water and ground water shall be permitted only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land. (b) Extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted shall require prior written permission from the concerned Regulatory Authority. (c) No sale of surface water or ground water shall be permitted. (d) Steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
15.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.
16.	Fencing of existing premises of hotels and lodges.	Regulated under applicable laws.
17.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
18.	Movement of vehicular traffic at night.	Regulated for commercial purpose as per applicable laws.
19.	Introduction of exotic species.	Regulated under applicable laws
20.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	Regulated under applicable laws

21.	Protection of hill slopes and river banks.	Regulated under applicable laws
22.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
23.	Commercial Sign boards and hoardings.	Regulated under applicable laws
24.	Small scale industries not causing pollution.	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
25.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws
26.	Eco-tourism activities including eco tourist lodges, restaurant and recreational facilities including spa, swimming pool, gymnasium in temporary structures made of cloth or wood or particle board such as tents etc.	As per Zonal Master Plan.
Promoted Activities		
27.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws.
28.	Rain water harvesting.	Shall be actively promoted.
29.	Organic farming.	Shall be actively promoted.
30.	Adoption of green technology for all activities.	Shall be actively promoted.
31.	Cottage industries including village artisans, etc.	Shall be actively promoted.

5. State Level Eco-sensitive Zone Monitoring Committee:- (1)

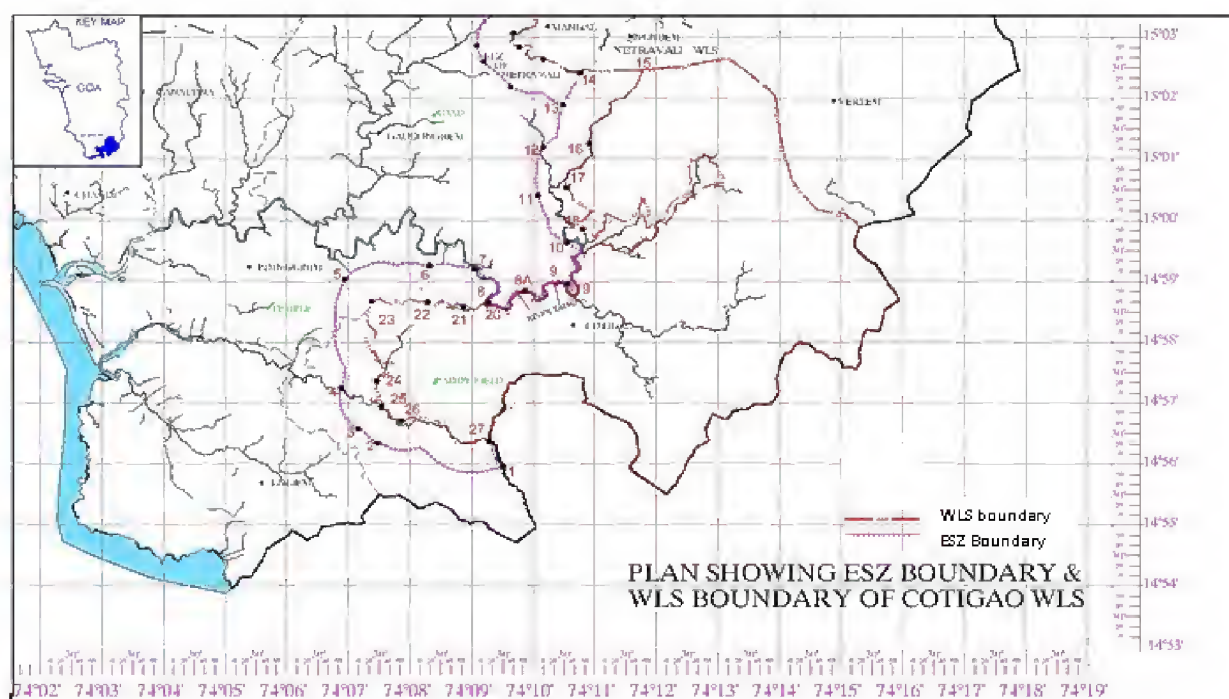
The Central Government in the Ministry of Environment, Forest and Climate Change, for effective monitoring of the Eco-sensitive Zones around National Parks and Wildlife Sanctuaries, has constituted a Committee called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa vide notification number S.O. 221 (E), dated the 23rd January 2015, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) comprising of the following members, and to perform the following functions, namely:-

- (i) Chief Secretary, Government of Goa- Chairman;
- (ii) representative of the Ministry of Environment, Forest and Climate Change- Member;
- (iii) Member Secretary, State Pollution Control Board-Member;
- (iv) one representative of Non-governmental Organisations working in the field of environment to be nominated by the Government of Goa (for a term of one year)- Member;
- (v) one representative of community based organisation nominated by the State Government (for a term of one year)- Member;
- (vi-xiv) Principal Secretaries of the Government of Goa from Departments of Forest and Environment, Rural Development, Agriculture, Urban Development, Housing, Mining, Ports, Transport and Revenue- Members;
- (xv) one expert in Ecology from reputed Institution or University of the State of Goa to be nominated by Government of Goa (for a term of one year) - Member;

- (xvi) Chief Conservator of Forests (WL) and Chief Wildlife Warden, Government of Goa– Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
 - (3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearance under the provisions of the said notification.
 - (4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned regulatory authorities.
 - (5) The Member Secretary of the SESZMC or the concerned Collector or the concerned park in-charge shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SESZMC shall submit the annual action taken report of its activities as on 31st March of every year by 30th June of that year to the Central Government in the Ministry of Environment, Forest and Climate Change as per pro forma given in **Annexure IV**.
 - (8) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
6. The provisions of this notification shall be subject to the orders passed by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal as the case may be, in respect of matters covered under this notification.

[F.No.25/32/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

Annexure I**Map of Cotigao Wildlife Sanctuary Eco-sensitive Zone showing Latitudes-Longitudes**

Annexure II

List of latitudes and longitudes of prominent points on the boundary of the ESZ of Cotigao Wildlife Sanctuary

S.NO	Description	Latitude	Longitude
1	STARTING POINT	14°55'50.57"N	74° 9'32.95"E
2	PADDY CENTER	14°56'13.76"N	74° 7'31.63"E
3	ROAD	14°56'27.51"N	74° 7'13.06"E
4	ROAD	14°57'7.30"N	74° 6'56.48"E
5	ROAD	14°58'54.32"N	74° 6'59.36"E
6	ROAD	14°59'8.57"N	74° 8'21.12"E
7	ROAD	14°59'5.09"N	74° 9'5.05"E
8	RIVER TALPONA	14°58'38.04"N	74° 9'18.21"E
8A	RIVER TALPONA	14°58'49.62"N	74° 9'45.15"E
9	RIVER TALPONA	14°58'49.40"N	74°10'33.65"E
10	RIVER TALPONA	14°59'31.13"N	74°10'33.83"E
11	ROAD	15° 0'17.29"N	74°10'5.55"E
12	PADDY CENTER	15° 1'5.26"N	74°10'10.92"E
13	PEAK	15° 1'46.39"N	74°10'29.78"E
14	PEAK WLS	15° 2'33.77"N	74°10'58.35"E
15	NETRAVALI -COTIGAO	15° 2'30.00"N	74°11'44.27"E
16	WLS Boundary	15° 1'38.61"N	74°11'11.06"E
17	WLS Boundary	15° 0'58.06"N	74°10'49.53"E
18	WLS Boundary	14°59'28.07"N	74°10'43.80"E
19	WLS Boundary	14°58'49.40"N	74°10'33.65"E
20	WLS Boundary	14°58'38.04"N	74° 9'18.21"E
21	WLS Boundary	14°58'37.76"N	74° 9'6.44"E
22	WLS Boundary	14°58'39.71"N	74° 8'25.67"E
23	WLS Boundary	14°58'41.74"N	74° 7'23.28"E
24	WLS Boundary	14°57'3.13"N	74° 7'21.08"E
25	WLS Boundary	14°56'54.14"N	74° 7'39.07"E
26	WLS Boundary	14°56'44.66"N	74° 7'48.17"E
27	WLS Boundary	14°56'26.06"N	74° 9'15.10"E

Annexure III**List of villages falling within the Cotigao Wildlife Sanctuary Eco-sensitive Zone**

List of Villages partially within the ESZ Boundary

S. No.	Village Name
1	Poinguinim
2	Cotigao
3	Gaondongrem

Annexure IV

Proforma of Action Taken Report: - State Level Eco-sensitive Zone Monitoring Committee.-

1. Number and date of Meetings
2. Minutes of the meetings: Mention main noteworthy points. Attached Minutes of the meeting on separate Annexure.
3. Status of preparation of Zonal master Plan including Tourism master Plan (Eco-sensitive Zone wise)
4. Summary of cases dealt for rectification of error apparent on face of land record. (Eco-sensitive Zone wise).
Details may be attached as Annexure
5. Summary of cases scrutinized for activities covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
6. Summary of case scrutinized for activities not covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
7. Summary of complaints lodged under Section 19 of Environment (Protection) Act, 1986. (Eco-sensitive Zone wise).
8. Any other matter of importance.

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**NOTIFICATION**

New Delhi, 17th February, 2015

S.O. 555(E).—WHEREAS, a draft notification, for declaration of Eco-sensitive Zone around Netravali Wildlife Sanctuary in Goa, was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 631 (E), dated the 3rd March 2014, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, copies of the Gazette containing the said notification were made available to the public on the 3rd March, 2014;

AND WHEREAS, all objections and suggestions received from all persons and stakeholders in response to the draft notification have been duly considered by the Central Government;

AND WHEREAS, the Central Government considers that the Netravali Wildlife Sanctuary, Goa lying between latitudes 15° 16' 7.80" N and 14° 59' 54.49" N and longitudes 74° 19' 3.75" E and 74° 10' 6.66" E in the South Goa District of Goa State and extending over an area of 211.05 square kilometres, is an essential part of the Western Ghats, which is rich in biodiversity;

AND WHEREAS, the sanctuary harbours the endangered species of wildlife like Indian bison, panther, mouse deer, black panther, slender loris, wild dogs, bears, etc.;

AND WHEREAS, the forest of this Sanctuary intercepts rainfall and helps recharge ground water aquifer and protects rivers and streams against siltation by minimising soil erosion and has a well knit network of streams spreading throughout which are perennial or semi perennial or seasonal in nature, feeding Netravali river, the Salaulim reservoir and its canals;

AND WHEREAS, it is necessary to conserve and protect the area the extent and boundary of which is specified in paragraph 1 of this notification around the Netravali Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and process in the said Eco- sensitive zone;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent of one kilometre of land or the water body, whichever is nearer to the boundary of the Netravali Wildlife Sanctuary in the State of Goa, as the Eco-sensitive Zone (herein after referred to as Eco-sensitive Zone) details of which are as under, namely:-

1. Extent and Boundaries of Eco-sensitive Zone. - (1) The extent of Eco-sensitive Zone shall be one kilometre of land or the water body whichever is nearer to the boundary of the Netravali Wildlife Sanctuary in the State of Goa.

- (2) The Eco-sensitive Zone is bounded on the North by the boundary of the Bhagwan Mahaveer Wildlife Sanctuary, on the South by the boundary of Cotigao Wildlife Sanctuary, on the East by the boundary of Netravali Wild Life Sanctuary and on the West by Salaulim reservoir and the balance areas of villages of Sanguem Taluka.
- (3) The map of Eco-sensitive Zone boundary is appended as **Annexure I**. List of latitudes and longitudes of prominent points on the boundary of the ESZ is appended as **Annexure II**.
- (4) The list of villages falling within Eco-sensitive Zone boundary is given at **Annexure III**.
- (5) The list of villages given in Annexure III shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone. - (1) The State Government shall for the purpose of effective management of the Eco-sensitive Zone, prepare a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment, Forests and Climate Change, Government of India in consultation with local people and all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

- (2) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.
- (3) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, man-made heritage sites, natural heritage sites, mining leases in operation, lakes and other water bodies.
- (4) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.
- (5) The Zonal Master Plan shall contain the measures as may be specified by the Central Government or the State Government, for regulation of activities specified under column (2) of the table specified in paragraph 4.
- (6) The Zonal Master Plan so prepared shall be co-terminus with the regional development plan.
- (7) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), referred to in paragraph 5, for carrying out its functions of monitoring under the provisions of this notification.

3. Measures to be taken by State Government. - The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

(1) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, to meet the residential needs of local residents, and for the activities listed at item numbers 24, 26, 28 and 31 in column (2) of the Table in paragraph 4, namely:-

- (i) Small scale industries not causing pollution,
- (ii) Rainwater harvesting,
- (iii) Cottage industries including village industries, and
- (iv) Ecofriendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for Eco-friendly tourism activities:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the State Government and without compliance of the provisions of Article of 244 of the Constitution of India or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) as amended time to time:

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of SESZMC, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

- (2) The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.
- (3) The activity relating to tourism within the Eco-sensitive Zone which shall form part of the Zonal Master Plan shall be as under, namely:-
 - (a) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and by the National Tiger Conservation Authority, with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;
 - (b) new construction of any kind shall not be permitted within the Eco-sensitive Zone except for eco-friendly accommodation like tents, wooden houses or thatched roofs for temporary occupation of tourists and for eco-friendly tourism activities;
 - (c) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC.
- (4) All sites of valuable natural heritage in the Eco-sensitive Zone such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and preserved and proper plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form part of the Zonal Master Plan.
- (5) Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be indentified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

- (6) The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.
- (7) The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.
- (8) The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974) and the rules made thereunder.
- (9) Disposal of solid wastes shall be as under:-
 - (i) the solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908 (E), dated the 25th September 2000 as amended from time to time;
 - (ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;
 - (iii) the biodegradable material shall be recycled preferably through composting or vermiculture;
 - (iv) the inorganic material shall be disposed of in an environmentally acceptable manner.
- (10) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* Notification number S.O. 630(E), dated the 20th July, 1998 as amended from time to time.
- (11) The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment, Forests and Climate Change, SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

4. List of activities prohibited or to be regulated within the Eco-sensitive Zone.-All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made thereunder and be regulated in the manner specified in the Table below, namely:—

TABLE

S.No.	Activity	Remarks
(1)	(2)	(3)
Prohibited Activities		
1.	Commercial Mining, stone quarrying and crushing units.	<p>(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect:</p> <p>Provided that the existing mines may be phased out within a period of ten years subject to the Supreme Court modifying its interim order dated 4.8.2006 in I.A. 1000 in Writ Petition 202 of 1995 (T.N. Godavarman Vs. Union of India) and its order in Writ Petition 435 of 2012 in the matter of Goa Foundation Vs Union of India:</p> <p>Provided further that the State Government shall ensure a proper and rigorous mine closure plan for rehabilitation and ecological restoration of the mined out area which shall be completed as early as possible as per Indian Bureau of Mines norms.</p>

2.	Setting up of saw mills.	Prohibited (except as otherwise) as per applicable laws.
3.	Setting up of industries causing water or air or soil or noise pollution.	Prohibited (except as otherwise) as per applicable laws.
4.	Commercial establishment of hotels and resorts.	New commercial establishment such as hotels and resorts shall be prohibited within the Eco-sensitive Zone with immediate effect.
5.	Commercial use of firewood.	Prohibited (except as otherwise) as per applicable laws.
6.	Establishment of new major hydroelectric projects.	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to the consent of the concerned Gram Sabha and all other requisite clearances.
7.	Use or production of any hazardous substances.	Prohibited (except as otherwise) as per applicable laws.
8.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited (except as otherwise) as per applicable laws.
9.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
10.	Construction activities	New construction of any kind shall be prohibited within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 26, 28 and 31 and in the case of activities listed at item number 24, the construction activity shall be regulated and kept at the minimum.
11.	Use of plastic carry bags	Prohibited (except as otherwise) as per applicable laws.
12.	Brick kilns	Prohibited (except as otherwise) as per applicable laws.
Regulated Activities		
13.	Felling of trees.	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
14.	Commercial water resources including ground water harvesting.	(a) The extraction of surface water and ground water shall be permitted only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land. (b) Extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted shall require prior written permission from the concerned Regulatory Authority. (c) No sale of surface water or ground water shall be permitted. (d) Steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
15.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.
16.	Fencing of existing premises of hotels and lodges.	Regulated under applicable laws.
17.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.

18.	Movement of vehicular traffic at night.	Regulated for commercial purpose as per applicable law.
19.	Introduction of exotic species.	Regulated under applicable laws
20.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	Regulated under applicable laws
21.	Protection of hill slopes and river banks.	Regulated under applicable laws
22.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
23.	Commercial Sign boards and hoardings.	Regulated under applicable laws
24.	Small scale industries not causing pollution.	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
25.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws
26.	Eco-tourism activities including eco tourist lodges, restaurant and recreational facilities including spa, swimming pool, gymnasium in temporary structures made of cloth or wood or particle board such as tents etc.	As per Zonal Master Plan.
Promoted Activities		
27.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws.
28.	Rain water harvesting.	Shall be actively promoted.
29.	Organic farming.	Shall be actively promoted.
30.	Adoption of green technology for all activities.	Shall be actively promoted.
31.	Cottage industries including village artisans, etc.	Shall be actively promoted.

5. State Level Eco-sensitive Zone Monitoring Committee:- (1)

The Central Government in the Ministry of Environment, Forest and Climate Change, for effective monitoring of the Eco-sensitive Zones around National Parks and Wildlife Sanctuaries, has constituted a Committee called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa vide notification number S.O. 221(E), dated the

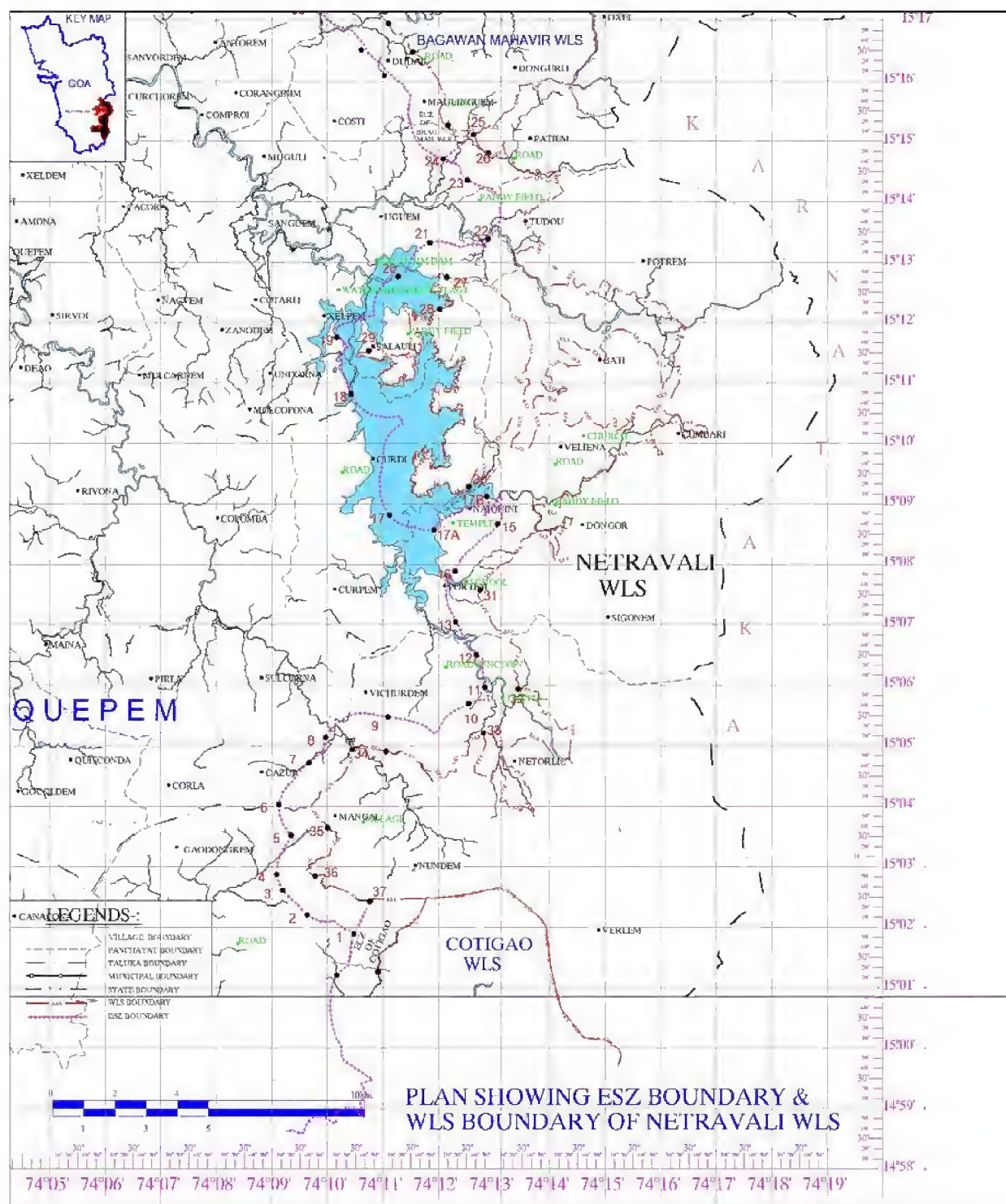
23rd January 2015, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) comprising of the following members, and to perform the following functions, namely:—

- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) representative of the Ministry of Environment, Forest and Climate Change- Member;
 - (iii) Member Secretary, State Pollution Control Board-Member;
 - (iv) one representative of Non-governmental Organisations working in the field of environment to be nominated by the Government of Goa (for a term of one year) – Member;
 - (v) one representative of community based organisation nominated by the State Government (for a term of one year)– Member;
 - (vi-xiv) Principal Secretaries of the Government of Goa from Departments of Forest and Environment, Rural Development, Agriculture, Urban Development, Housing, Mining, Ports, Transport and Revenue– Members;
 - (xv) one expert in Ecology from reputed Institution or University of the State of Goa to be nominated by Government of Goa (for a term of one year) - Member;
 - (xvi) Chief Conservator of Forests (WL) and Chief Wildlife Warden, Government of Goa– Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
 - (3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearance under the provisions of the said notification.
 - (4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned regulatory authorities.
 - (5) The Member Secretary of the SESZMC or the concerned Collector or the concerned park in-charge shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SEZMC shall submit the annual action taken report of its activities as on 31st March of every year by 30th June of that year to the Central Government in the Ministry of Environment, Forest and Climate Change as per pro forma given in **Annexure IV**.
 - (8) The Central Government in the Ministry of Environment, Forests and Climate Change may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
6. The provisions of this notification shall be subject to the orders passed by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal as the case may be, in respect of matters covered under this notification.

[F. No. 25/33/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

Map of Netravali Wildlife Sanctuary Eco-sensitive Zone showing Latitudes-Longitudes



Annexure II

List of latitudes and longitudes of prominent points on the boundary of the Eco-sensitive Zone of Netravali Wildlife Sanctuary

s. no	Description	Latitude	Longitude
1	PEAK	15° 1'46.39"N	74° 10'29.78"E
2	ROAD	15° 2'4.78"N	74° 9'38.81"E
3	PADDY CENTER	15° 2'29.23"N	74° 9'12.61"E
4	ROAD	15° 2'45.01"N	74° 9'5.95"E
5	ROAD	15° 3'23.85"N	74° 9'21.36"E
6	ROAD	15° 3'54.33"N	74° 9'8.24"E
7	ROAD	15° 4'35.74"N	74° 9'40.51"E
8	ROAD	15° 5'1.35"N	74° 9'58.19"E
9	ROAD	15° 5'21.67"N	74° 11'4.65"E
10	ROAD	15° 5'35.33"N	74° 12'31.42"E
11	PADDY CENTER	15° 5'51.51"N	74° 12'48.72"E
12	ROAD	15° 6'23.38"N	74° 12'39.29"E
13	ROAD	15° 6'56.03"N	74° 12'16.98"E
14	ROAD	15° 7'46.75"N	74° 12'16.15"E
15	ROAD	15° 8'33.46"N	74° 13'1.54"E
16	ROAD	15° 8'33.24"N	74° 12'32.51"E
17	RIVER CORNER	15° 8'41.99"N	74° 11'5.33"E
17A	RIVER CORNER	15° 8'34.42"N	74° 11'32.14"E
17B	RIVER CORNER	15° 9'0.42"N	74° 12'29.64"E
18	RIVER CORNER	15° 10'42.00"N	74° 10'24.03"E
19	RIVER CORNER	15° 11'30.58"N	74° 9'55.56"E
20	RIVER CORNER	15° 12'38.70"N	74° 11'14.16"E
21	ROAD	15° 13'12.17"N	74° 11'47.93"E
22	PADDY CENTER	15° 13'15.98"N	74° 12'50.55"E
23	PADDY CORNER	15° 14'14.49"N	74° 12'27.97"E
24	NETRAVALI-BHAGWAN ESZ	15° 14'32.12"N	74° 11'55.78"E
25	NETRAVALI-BHAGWAN WLS	15° 15'10.83"N	74° 12'33.08"E
26	WLS BOUNDARY	15° 14'49.61"N	74° 12'54.77"E
27	WLS BOUNDARY	15° 12'36.03"N	74° 12'45.13"E
28	WLS BOUNDARY	15° 12'14.47"N	74° 12'5.54"E
29	WLS BOUNDARY	15° 11'37.15"N	74° 10'56.23"E
30	WLS BOUNDARY	15° 9'16.30"N	74° 12'31.40"E
31	WLS BOUNDARY	15° 7'35.36"N	74° 12'44.31"E
32	WLS BOUNDARY	15° 5'53.25"N	74° 13'37.74"E
33	WLS BOUNDARY	15° 5'14.54"N	74° 12'44.62"E
34	WLS BOUNDARY	15° 4'47.24"N	74° 10'25.71"E
35	WLS BOUNDARY	15° 3'31.23"N	74° 10'10.73"E
36	WLS BOUNDARY	15° 2'47.78"N	74° 9'53.63"E
37	WLS BOUNDARY	15° 2'38.58"N	74° 10'17.28"E

Annexure III**List of villages falling within the Netravali Wildlife Sanctuary Eco-sensitive Zone**

List of Villages partially within the ESZ Boundary

S. No.	Village Name
1	Patiem
2	Uguem
3	Tudou
4	Xelpem
5	Salauli
6	Potrem
7	Bati
8	Viliena
9	Cumbari
10	Curdi
11	Naiquinim
12	Dongor
13	Portem
14	Sigonem
15	Vichundrem
16	Cazur

Annexure IV**Proforma of Action Taken Report: - State Level Eco-sensitive Zone Monitoring Committee.-**

1. Number and date of Meetings
2. Minutes of the meetings: Mention main noteworthy points. Attached Minutes of the meeting on separate Annexure.
3. Status of preparation of Zonal master Plan including Tourism master Plan (Eco-sensitive Zone wise)
4. Summary of cases dealt for rectification of error apparent on face of land record. (Eco-sensitive Zone wise).
Details may be attached as Annexure
5. Summary of cases scrutinized for activities covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
6. Summary of case scrutinized for activities not covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
7. Summary of complaints lodged under Section 19 of Environment (Protection) Act, 1986. (Eco-sensitive Zone wise).
8. Any other matter of importance.

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 24th February, 2015

S.O. 607(E).—WHEREAS, a draft notification, for declaration of Eco-sensitive Zone around Dr. Salim Ali Bird Sanctuary in Goa, was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 634 (E) dated 3rd March, 2014, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, copies of the Gazette containing the said notification were made available to the public on the 3rd March, 2014;

AND WHEREAS, all objections and suggestions received from all persons and stakeholders in response to the draft notification have been duly considered by the Central Government;

AND WHEREAS, the Central Government considers that the Dr. Salim Ali Bird Sanctuary (hereinafter referred to as Sanctuary), Goa lying between latitudes 15° 31' 36.03" N and 15° 30' 35.35" N and longitudes 73° 52' 14.31" E and 73° 50' 44.12" E in the North Goa District of Goa State and extending over an area of 1.78 square kilometres, is a rich mangrove formation at the confluence of Mapusa river and Mandovi river;

AND WHEREAS, the sanctuary exclusively shelters varieties of amphibians, otters, crocodiles and varieties of fish, aquatic birds, shore birds and arboreal birds and reptiles, fruit bat (*Pteropus* spp.), migratory birds, adjutant storks and raptorial birds like osprey visit the protected area annually;

AND WHEREAS, the mangrove forest of this sanctuary holds and protects the rich soil underneath from washing away and provides exclusively excellent place for the said varieties of wildlife to breed and shelter;

AND WHEREAS, it is necessary to conserve and protect the area the extent and boundary of which is specified in paragraph 1 of this notification around the Dr. Salim Ali Bird Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco- sensitive zone;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of Section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area up to the river bank abutting the Dr. Salim Ali Bird Sanctuary on the three sides of the said Sanctuary and to the extent of 100 meters on the eastern side towards Chorao village from the Sanctuary in the State of Goa as the Eco-sensitive Zone, details of which are as under, namely:—

1. Extent and Boundaries of Eco-sensitive Zone.— (1) The extent of Eco-sensitive Zone shall be upto the river bank abutting the sanctuary on the three sides of the Wildlife Sanctuary and to the extent of 100 meters on the eastern side towards Chorao village from the Dr. Salim Ali Bird Sanctuary within the State of Goa.

- (2) The Eco-sensitive Zone is bounded on the three sides i.e., North, West and South by the Mapusa river and the Mandovi river and the village Chorao of Tiswadi Taluka is located towards the Eastern side.
- (3) The map of Eco-sensitive Zone boundary is appended to this notification as **Annexure I** and the list of latitudes and longitudes of prominent points on the boundary of the Eco-sensitive Zone is appended to this notification as **Annexure II**.
- (4) The list of villages falling within Eco-sensitive Zone boundary is given at **Annexure III**.
- (5) The list of villages given in Annexure III shall be further revisited and confirmed by the State Government while preparing the Zonal Master Plan.

2. Zonal Master Plan for the Eco-sensitive Zone.- (1) The State Government shall for the purpose of effective management of the Eco-sensitive Zone, prepare a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, for the consideration and approval of the Ministry of Environment, Forest and Climate Change, Government of India in consultation with local people and all concerned State Departments, such as Environment, Forest and Wildlife, Agriculture, Revenue, Urban and Housing Development, Tourism, Rural Development, Irrigation and Flood Control, Mining and Public Works Department for integrating the ecological and environmental considerations into the said plan.

- (2) The Zonal Master Plan shall provide for restoration of degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, ground water management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.
- (3) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forest, agriculture areas, horticultural areas, man-made heritage sites, natural heritage sites, mining leases in operation, lakes and other water bodies.
- (4) The Zonal Master Plan thus prepared specific to this Eco-sensitive Zone shall be integrated into the regional plan for the State of Goa.
- (5) The Zonal Master Plan shall contain the measures as may be specified by the Central Government or the State Government, for regulation of activities specified under column (2) of the table specified in paragraph 4.
- (6) The Zonal Master Plan so prepared shall be co-terminus with the regional development plan.
- (7) The Zonal Master Plan shall be a reference document for the State Level Eco-sensitive Zone Monitoring Committee (hereinafter referred to as the SESZMC), referred to in paragraph 5, for carrying out its functions of monitoring under the provisions of this notification.

3. Measures to be taken by State Government.-The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

(1) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the SESZMC, and with the prior approval of the State Government, to meet the residential needs of local residents, and for the activities listed at item numbers 24, 26, 28 and 31 in column (2) of the Table in paragraph 4, namely:-

- (i) Small scale industries not causing pollution,
- (ii) Rainwater harvesting,
- (iii) Cottage industries including village industries, and
- (iv) Ecofriendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for Eco-friendly tourism activities:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the State Government and without compliance to the provisions of Article of 244 of the Constitution of India or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) as amended from time to time:

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of SESZMC, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

- (2) The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government to prohibit development activities at or near these areas.
- (3) The activity relating to tourism within the Eco-sensitive Zone which shall form part of the Zonal Master Plan shall be as under, namely:-
 - (a) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and by the National Tiger Conservation Authority, with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;
 - (b) new construction of any kind shall not be permitted within the Eco-sensitive Zone except for eco-friendly accommodation like tents, wooden houses or thatched roofs for temporary occupation of tourists and for eco-friendly tourism activities;
 - (c) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the SESZMC.
- (4) All sites of valuable natural heritage in the Eco-sensitive Zone such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and preserved and proper plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form part of the Zonal Master Plan.
- (5) Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be indentified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.
- (6) The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.
- (7) The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.
- (8) The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974) and the rules made thereunder.
- (9) Disposal of solid wastes shall be as under:-
 - (i) the solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908 (E), dated the 25th September 2000 as amended from time to time;
 - (ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;
 - (iii) the biodegradable material shall be recycled preferably through composting or vermiculture;
 - (iv) the inorganic material shall be disposed of in an environmentally acceptable manner.
- (10) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* Notification number S.O. 630(E), dated the 20th July, 1998 as amended from time to time.

- (11) The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal master plan is prepared and approved by the Ministry of Environment, Forests and Climate Change, SESZMC shall monitor compliance of vehicular movement as per the rules and regulations in force.

4. **List of activities prohibited or to be regulated within the Eco-sensitive Zone.**-All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made thereunder and be regulated in the manner specified in the Table below, namely:-

TABLE

S. No.	Activity	Remarks
(1)	(2)	(3)
Prohibited Activities		
1.	Commercial Mining, stone quarrying and crushing units.	All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect.
2.	Setting up of saw mills.	Prohibited (except as otherwise provided) as per applicable laws.
3.	Setting up of industries causing water or air or soil or noise pollution.	Prohibited (except as otherwise provided) as per applicable laws.
4.	Commercial establishment of hotels and resorts.	New commercial establishment such as hotels and resorts shall be prohibited within the Eco-sensitive Zone with immediate effect.
5.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.
6.	Establishment of new major hydroelectric projects.	Setting up of new hydro-electric power plants (dams, tunnelling, and construction of reservoir) and expansion of existing plants in the Eco-sensitive Zone is prohibited with immediate effect, except the micro hydel power projects (Up to 100KW) or the mini hydel power projects (from 101 to 2000KW), which would serve the energy needs of the local communities, subject to the consent of the concerned Gram Sabha and all other requisite clearances.
7.	Use or production of any hazardous substances.	Prohibited (except as otherwise provided) as per applicable laws.
8.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws.
9.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone with immediate effect.
10.	Construction activities	New construction of any kind shall be prohibited within the Eco-sensitive Zone with immediate effect, except for the domestic needs of local residents including the activities listed at item numbers 26,28 and 31 and in the case of activities listed at item number 24, the construction activity shall be regulated and kept at the minimum.
11.	Use of plastic carry bags	Prohibited (except as otherwise provided) as per applicable laws.
12.	Brick kilns	Prohibited (except as otherwise provided) as per applicable laws.
Regulated Activities		
13.	Felling of trees.	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
14.	Commercial water resources including ground water harvesting.	(a) The extraction of surface water and ground water shall be permitted only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land.

		(b) Extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted shall require prior written permission from the concerned Regulatory Authority. (c) No sale of surface water or ground water shall be permitted. (d) Steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
15.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.
16.	Fencing of existing premises of hotels and lodges.	Regulated under applicable laws.
17.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
18.	Movement of vehicular traffic at night.	Regulated for commercial purpose as per applicable laws.
19.	Introduction of exotic species.	Regulated under applicable laws
20.	Undertaking activities related to tourism like over-flying the National Park area by hot-air balloons, etc.	Regulated under applicable laws
21.	Protection of hill slopes and river banks.	Regulated under applicable laws
22.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
23.	Commercial Sign boards and hoardings.	Regulated under applicable laws
24.	Small scale industries not causing pollution.	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment.
25.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws
26.	Eco-tourism activities including eco tourist lodges, restaurant and recreational facilities including spa, swimming pool, gymnasium in temporary structures made of cloth or wood or particle board such as tents etc.	As per Zonal Master Plan.
Promoted Activities		
27.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws.
28.	Rain water harvesting.	Shall be actively promoted.
29.	Organic farming.	Shall be actively promoted.
30.	Adoption of green technology for all activities.	Shall be actively promoted.
31.	Cottage industries including village artisans, etc.	Shall be actively promoted.

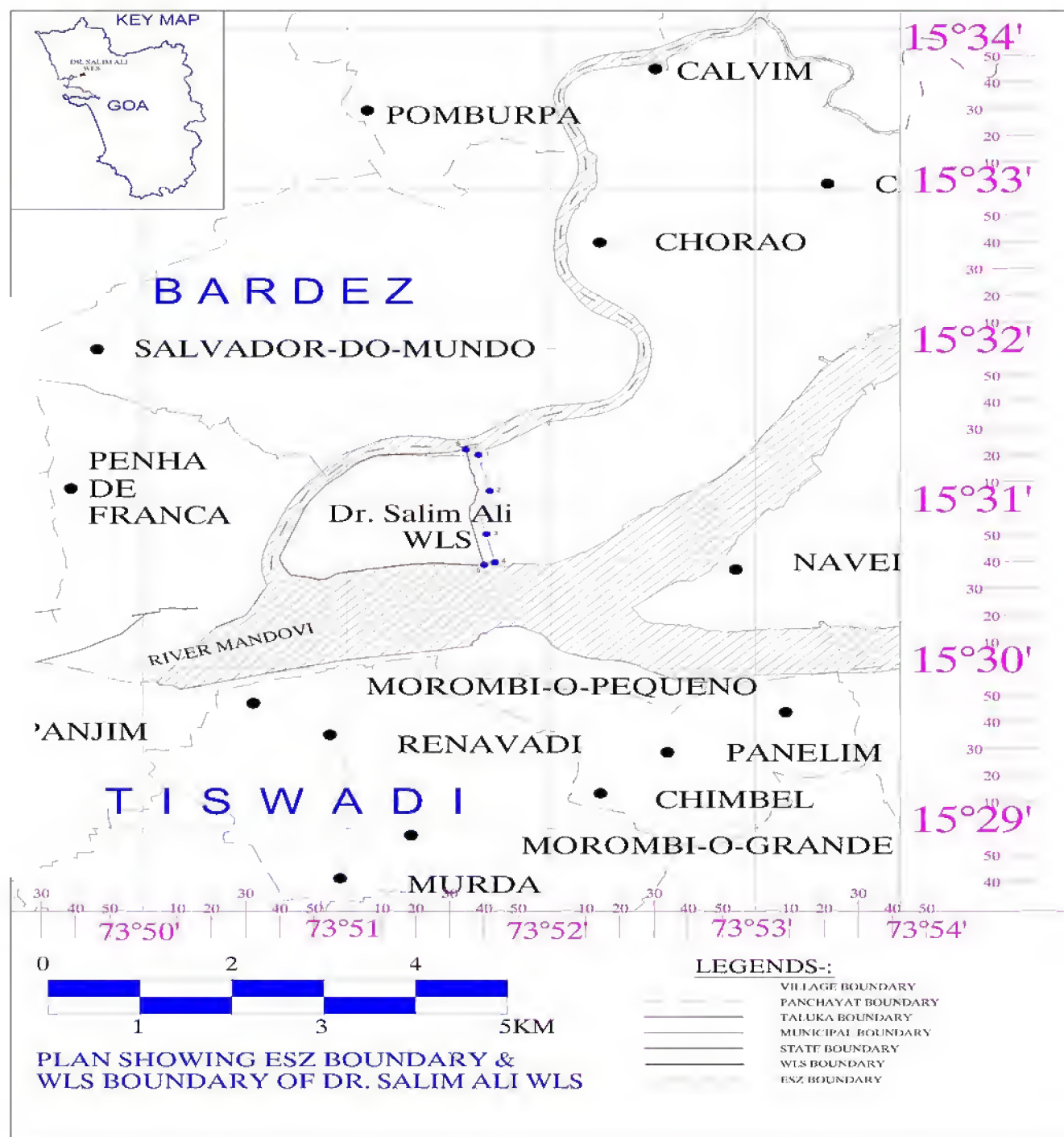
5. State Level Eco-sensitive Zone Monitoring Committee:- (1)

The Central Government in the Ministry of Environment, Forest and Climate Change, for effective monitoring of the Eco-sensitive Zones around National Parks and Wildlife Sanctuaries, has constituted a Committee called the State Level Eco-sensitive Zone Monitoring Committee (SESZMC) for the State of Goa vide notification number S.O. 221 (E), dated the 23rd January 2015, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) comprising of the following members, and to perform the following functions, namely:-

- (i) Chief Secretary, Government of Goa- Chairman;
 - (ii) representative of the Ministry of Environment, Forest and Climate Change- Member;
 - (iii) Member Secretary, State Pollution Control Board-Member;
 - (iv) one representative of Non-governmental Organisations working in the field of environment to be nominated by the Government of Goa (for a term of one year)– Member;
 - (v) one representative of community based organisation nominated by the State Government (for a term of one year)– Member;
 - (vi-xiv) Principal Secretaries of the Government of Goa from Departments of Forest and Environment, Rural Development, Agriculture, Urban Development, Housing, Mining, Ports, Transport and Revenue– Members;
 - (xv) one expert in Ecology from reputed Institution or University of the State of Goa to be nominated by Government of Goa (for a term of one year) - Member;
 - (xvi) Chief Conservator of Forests (WL) and Chief Wildlife Warden, Government of Goa– Member Secretary.
- (2) The SESZMC shall monitor the compliance of the provisions of this notification.
 - (3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearance under the provisions of the said notification.
 - (4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the SESZMC based on the actual site-specific conditions and referred to the concerned regulatory authorities.
 - (5) The Member Secretary of the SESZMC or the concerned Collector or the concerned park in-charge shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
 - (6) The SESZMC may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
 - (7) The SESZMC shall submit the annual action taken report of its activities as on 31st March of every year by 30th June of that year to the Central Government in the Ministry of Environment, Forest and Climate Change as per pro forma given in **Annexure IV**.
 - (8) The Central Government in the Ministry of Environment, Forests and Climate Change may give such directions, as it deems fit, to the SESZMC for effective discharge of its functions.
6. The provisions of this notification shall be subject to the orders passed by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal as the case may be, in respect of matters covered under this notification.

[F. No. 25/37/2013-ESZ-RE]

Dr. G. V. SUBRAHMANYAM, Scientist 'G'

Annexure I**Map of Dr. Salim Ali Bird Sanctuary Eco-sensitive Zone showing Latitudes-Longitudes**

Annexure II**Coordinates of prominent points on the boundary of Eco-sensitive Zone around Dr. Salim Ali Bird Sanctuary**

S.NO.	Latitude	Longitude
1	15°31'24.88"N	73°51'43.03"E
2	15°31'10.11"N	73°51'46.43"E
3	15°30'53.76"N	73°51'45.58"E
4	15°30'42.97"N	73°51'48.48"E
5	15°31'23.59"N	73°51'38.88"E
6	15°30'41.08"N	73°51'43.23"E

Annexure III**List of villages falling within the Dr. Salim Ali Bird Sanctuary Eco-sensitive Zone**

List of Villages partially within the ESZ Boundary

S. No.	Village Name
1	Chorao

Annexure IV**Proforma of Action Taken Report: - State Level Eco-sensitive Zone Monitoring Committee.-**

1. Number and date of Meetings
2. Minutes of the meetings: Mention main noteworthy points. Attached Minutes of the meeting on separate Annexure.
3. Status of preparation of Zonal master Plan including Tourism master Plan (Eco-sensitive Zone wise)
4. Summary of cases dealt for rectification of error apparent on face of land record. (Eco-sensitive Zone wise).
Details may be attached as Annexure
5. Summary of cases scrutinized for activities covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
6. Summary of case scrutinized for activities not covered under Environment Impact Assessment Notification, 2006 (Eco-sensitive Zone wise).
Details may be attached as separate Annexure.
7. Summary of complaints lodged under Section 19 of Environment (Protection) Act, 1986. (Eco-sensitive Zone wise).
8. Any other matter of importance.

Department of Personnel

Notification

1/14/2014-PER (Part)

In exercise of the powers conferred by the proviso to Article 309 of the Constitution of India and in supersession of the existing Recruitment Rules for the post of Lower Division Clerk/Recovery Clerk, notified vide Government Notification No. 1/4/2014-PER (Part) dated 20-05-2020, published in the Official Gazette, Series I No. 11 dated 11-06-2020, the Governor of Goa hereby makes the following rules to regulate the recruitment to the Group 'C', Non-Gazetted, Ministerial, Common posts (outside Secretariat) under the Government of Goa, namely:—

1. *Short title, application and commencement.*— (1) These rules may be called the Government of Goa, Group 'C', Non-Gazetted, Ministerial, Common posts (outside Secretariat), Recruitment Rules, 2020.

(2) They shall apply to the post specified in column (1) of the Schedule to these rules (hereinafter called as the "said Schedule").

(3) They shall come into force from the date of their publication in the Official Gazette.

2. *Number, classification and level in the pay matrix.*— The number of posts, classification of the said post and the level in the pay matrix attached thereto shall be as specified in columns (2) to (4) of the said Schedule:

Provided that the Government may vary the number of posts as specified in column (2) of the said Schedule from time to time subject to exigencies of work.

3. *Method of recruitment, age limit and other qualifications.*— The method of recruitment to the said post, age limit, qualifications and other matters connected therewith shall be as specified in columns (5) to (13) of the said schedule.

4. *Disqualification.*— No person who has entered into or contracted a marriage with a person having a spouse living or who, having a spouse living, has entered into or contracted a marriage with any person, shall be eligible for appointment to the service:

Provided that the Government may, if satisfied that such marriage is permissible under the personal law applicable to such person and the other party to the marriage and that there are other grounds for so doing, exempt any person from the operation of this rule.

5. *Power to relax.*— Where, the Government is of the opinion that it is necessary or expedient so to do, it may, by order, for reasons to be recorded in writing, relax any of the provisions of these rules with respect to any class or category of persons.

6. *Saving.*— Nothing in these rules shall affect reservation, relaxation of age limit and other concessions required to be provided for Scheduled Castes, Scheduled Tribes, Other Backward Classes, Ex-servicemen and other special categories of persons in accordance with the orders issued by the Government from time to time in that regard.

By order and in the name of the
Governor of Goa.

Tariq Thomas, IAS, Special Secretary
(Personnel).

Porvorim, 17th June, 2020.

SCHEDULE

1	2	3	4	5	6	7	8	9	10	11	12	13
Name/ /desig- nation of the post	Number of posts	Classifi- cation	Level in the Pay Matrix	Whether selection post or non- -selection post	Age limit for direct recruits	Educational and other qualifications required for direct recruits	Whether age & educational qualifications prescribed for the direct recruits will apply in the case of promotees	Period of proba- tion, if any	Method of recruit- ment, whether by direct recruitment or by deputation/ transfer/ contract and percentage of the vacancies to be filled by various methods	In case of recruit- ment by promotion/ /deputation/ /transfer, grades from which promotion/ /deputation/ /transfer is to be made	If a D.P.C./ /D.S.C. exists, what is its compo- sition	Circum- stances in which the Goa Public Service Commission is to be consulted in making recruitment
Lower Division Clerk/ Recovery Clerk.	As sanc- tioned in each Depart- ment from time to time (2020).	Group 'C', Non- -Gazet- ted, -Ministe- rial.	L-2.	Selec- tion.	Not exceeding 45 years (Relaxable for Government servants upto five years in accordance with the instructions orders issued by the Govern- ment from time to time).	Essential: (i) Possessing Higher Secondary School Certificate or All India Council for Technical Education approved Diploma awarded by a recognized State Board of Technical Education or equiva- lent qualification from a recognized Institution. (ii) Knowledge of Computer applica- tions/operations with typing speed of 30 words per minute in English. (iii) Knowledge of Konkani. Desirable: Knowledge of Mara- thi.	Age: No. Educa- tional Quali- fications: To the extent as specified in column No. 11.	Two years. (A) In the Public Works Department and Water Resources Department:— (i) 13% by promotion from Group 'C' employees, failing which, by direct recruitment. (ii) 50% by promotion from employees of work charged establishment, failing which, by Assistant, Bull Dozer direct recruitment. (iii) 37% by direct recruitment.	Promotion: (1) Group 'C' employees of the Department excluding,- (i) Superior Field Worker, Surveillance Worker, Assistant Cook and Assistant Mechanic in the Directorate of Health Services. (ii) Grading Attendant and Laboratory Atten- dant in the Office of the Registrar of Co- operative Societies. (iii) Laker, Tractor Assistant, Bull Dozer Assistant and Mobile Crane Assistant in the Directorate of Agricul- ture. (iv) Forest Guard and Mess Servant in the Forest Department.	Group 'C', D.S.C./ D.P.C.	N.A.	

1	2	3	4	5	6	7	8	9	10	11	12	13
									<p>(B) In the Electricity Department:—</p> <p>(i) 13% by promotion from Group 'C' employees (excluding Assistant Data Entry Operators), failing which, by direct recruitment.</p> <p>(ii) 37% by promotion from Assistant Data Entry Operators, failing which, by direct recruitment.</p> <p>(iii) 50% by direct recruitment.</p> <p>(C) In Departments other than the Public Works Department, Water Resources Department and Electricity Department:—</p> <p>(i) 13% by promotion from Group 'C' employees, failing which, by direct recruitment.</p> <p>(ii) 87% by direct recruitment.</p>	<p>(v) Police Constable in the Office of the Director General of Police.</p> <p>(vi) Line Helper and Assistant Lineman/Wireman in the Electricity Department.</p> <p>(2) Work-charged Establishment.</p> <p>Note 1: All feeder category employees specified for promotion must fulfill following conditions to become eligible for promotion:</p> <p>(i) Passed Secondary School Certificate Examination or equivalent from a recognized Board/Institution.</p> <p>(ii) Typing speed of 30 words per minute in English.</p> <p>(iii) Three years regular/continuous service, as the case may be, in the grade.</p> <p>Note 2: The entry level pay scale of all the feeder category employees for promotion (except employees from the work charged establishment) must be lower than the entry level pay scale of Lower Division Clerk/Recovery Clerk.</p>		

Department of Public Health

Order

42/3/2020-I/PHD/Vol.I/2024

Read: Government Order No. 42/3/2020-I/PHD/Vol.I/1993 dated 12-06-2020.

The Government Order read at preamble regarding increase in the registration fees in the Government Hospitals/Health Centres is hereby kept in abeyance with immediate effect, until further orders.

By order and in the name of the Governor of Goa.

Trupti B. Manerkar, Under Secretary (Health)/link.

Porvorim, 18th June, 2020.

Department of Public Works

Office of the Principal Chief Engineer

Corrigendum

8-4/PCE-PWD-Accts/2020-21/454

Read Notification No. 8-4/PCE-PWD-Accts/2020-21/128 dated 12-05-2020.

The first para, Sr. No. 3 of the above Notification may be read as "This shall come into force with effect from 01-10-2020" INSTEAD of "This shall come into force with effect from 1-04-2020".

All other contents of the notification shall remain the same.

This is issued with the approval of Government vide U.O. No. 332 dated 29-5-2020.

By order and in the name of the Governor of Goa.

U. P. Parsekar, Principal Chief Engineer & ex officio Additional Secretary (PWD).

Panaji, 17th June, 2020.

Department of Sports & Youth Affairs

Directorate of Sports & Youth Affairs

Order

GFDC/04/02/2017(Part-I)/442

Sanction of the Government is hereby accorded for creation of the following posts as per the details shown below:

Sr. No.	Designation of the post	Pay scale	No. of posts created
1	2	3	4
Non-Ministerial (Non-Lapsable) Posts			
1.	Technical In-charge	Rs. 15600-39100 + 6600(GP)	01
2.	Football Development Officer (Coaching)	Rs. 15600-39100 + 5400(GP)	02
3.	Technical Assistant	Rs. 9300-34800 + 4200(GP)	02

Ministerial (Lapsable) Posts			
4.	Storekeeper	Rs. 5200-20200 + 2400(GP)	01
5.	Office Assistant	Rs. 5200-20200 + 1900(GP)	02
6.	Front Office Assistant	Rs. 5200-20200 + 1900(GP)	01
7.	Data Entry Operator	Rs. 5200-20200 + 1900(GP)	01
Total			10

2. The expenditure on the creation of above posts would be met from the Budget Head mentioned against the posts:-

Demand No. 42

1. Technical In-charge	}	2204—Sports & Youth Services;
2. Football Development Officer (Coaching)		00—;
3. Technical Assistant		101—Physical Education;
4. Storekeeper		20—Development of State Sports
5. Office Assistant		"Football";
6. Front Office Assistant		50—Other Charges.
7. Data Entry Operator		

3. As per the recommendation and approval of the High Level Empowered Committee (H.L.E.C.), the following posts shall stand abolished, upon superannuation/retirement of the incumbent or upon the post falling vacant (for whatever reasons),

Sr. No.	Designation of the post [Ministerial (Lapsable) posts]	Name of the Official holding the post	Remark
1.			
2.		-----Nil-----	
3.			

Note: The existing strength of drivers shall be continued, until further assessment of the vehicle fleet and requirement of the department, and any vacancies arising during the interim period shall not be filled up on regular basis.

4. This issues with the approval of the High Level Empowered Committee (H.L.E.C.) constituted with the approval of the Council of Ministers in the XXth meeting held on 8-11-2017 vide order No. 1/1/2017-Addl. Secy(PER) dated 22-11-2017 issued by Department of Personnel.

5. Approval of the High Level Empowered Committee (H.L.E.C.) is conveyed vide letter No. 9/24/IDCO/2018-ARD/243 dated 17-07-2019 issued by the Department of Administrative Reforms Secretariat.

By order and in the name of the Governor of Goa.

Shashank Mani Tripathi, IAS, Director (Sports & Youth Affairs).

Panaji, 19th June, 2020.

◆◆◆
Department of Tourism

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Order

1/1(43)/2020/DT-541

Sanction of the Government is hereby accorded for creation of the following posts as per the details shown below:

Sr. No.	Designation of post	Pay scale	No. of posts created
1	2	3	4
Non-Ministerial (Non-Lapsable)			
1.	Statistical Officer	44900-142400 Level 7	01
2.	Research Assistant	35400-112400 Level 6	01
3.	Investigator	25500-81100 Level 4	02
Total			04

2. The expenditure on the creation of above posts would be met from the Budget Head mentioned against the posts:-

1. Statistical Officer	3452—Tourism;
2. Research Assistant	01—Tourist Infrastructure;
3. Investigator	001—Direction & Administration;
	01—Directorate of Tourism (N.P.);
	01—Salaries.

This issues with the approval of the High Level Empowered Committee (H.L.E.C.), constituted with the approval of the Council of Ministers in the XXth Meeting held on 8-11-2017 vide Order No. 1/1/2017-Addl. Secy (PER) dated 22-11-2017 issued by Department of Personnel.

Approval of the High Level Empowered Committee (H.L.E.C.) is conveyed vide their letter No. 9/57/IDCO/2019-ard/244 dated 17-07-2019.

The Directorate of Planning, Statistics & Evaluation vide their letter No. DPSC/I/ADMN/ /CREATION/2019/2109 dated 31-12-2019 has conveyed creation of new Statistical Post of Goa Common Statistical Cadre of Directorate of Planning, Statistics & Evaluation in the Department of Tourism, Panaji-Goa.

By order and in the name of the Governor of Goa.

Menino D'Souza, Director & Additional Secretary (Tourism).

Panaji, 22nd June, 2020.



Government Printing Press

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NOTE

In Official Gazette, Series I No. 11 (Extraordinary No. 3) dated 16-6-2020, Department of Law & Judiciary (Legal Affairs Division), Notification No. 8/8/2020-LA-104 regarding the Goa Goods and Services Tax (Amendment) Ordinance, 2020, at page No. 325 on last line, the date may be read as "9-6-2020" instead of 29-6-2020.

All other matter remains unchanged.

Since its printing error, Government Printing Press apologize for the same.

Publication Division.

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